

The dates on which the number of reports of thunderstorms for the whole country were most numerous were: 22d, 200; 26th and 27th, 172; 25th, 150.

Reports were most numerous from: Kansas, 166; Texas, 163; Nebraska, 147; Louisiana, 146.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz., 10th to 18th.

The greatest number of reports were received for the following dates: 30th, 149; 4th and 29th, 3.

Reports were most numerous from: Minnesota, 11; Michigan and South Dakota, 7; North Dakota, 6.

In Canada.—Auroras were reported as follows: Quebec, 4th; Kingston, 30th; Minnedosa, 1st, 4th, 9th, 10th, 28th, 30th; Medicine Hat, 4th and 30th; Prince Albert, 22d, 27th, 30th.

Thunderstorms were reported as follows: Grand Manan, 19th; Charlottetown, 19th; Toronto, 18th; Minnedosa, 26th, 27th; Qu'Appelle, 25th; Banff, 3d; Battleford, 23d, 25th; Hamilton, Bermuda, 5th.

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which

also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Amarillo, Tex	4	64	e.	Mount Tamalpais, Cal.	3	56	nw.
Do.	5	58	se.	Do.....	6	75	n.w.
Do.	10	60	n.	Do.....	7	61	n.w.
Do.	11	58	n.	Do.....	12	60	n.w.
Cape Henry, Va.....	5	50	n.	Do.....	13	59	n.w.
Denver, Colo	3	52	se.	Do.....	22	71	n.w.
El Paso, Tex.....	8	50	sw.	Do.....	25	52	n.
Do.	14	54	sw.	Do.....	27	52	n.
Hatteras, N. C.....	4	54	nw.	New York, N. Y.....	3	52	w.
Independence, Cal	2	52	w.	Do.....	8	68	w.
Memphis, Tenn.....	8	55	e.	Do.....	26	52	n.w.

CORRIGENDUM.

Mr. I. M. Cline requests that the heading of the table of rainfall, on page 147, be corrected by omitting the words "during flood period" and by changing "April 17 to April 7."

DESCRIPTION OF TABLES AND CHARTS.

By ALFRED J. HENRY, Professor of Meteorology.

For description of tables and charts see page 26 of REVIEW for January, 1900.

TABLE I.—Climatological data for Weather Bureau Stations, April, 1900.

Stations.	Elevation of instruments.	Pressure, in inches.				Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.				Wind.																
	Barometer above sea level, feet.	Thermometers above ground.	Anemometer above ground.	Mean actual 8 a.m. + 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. + mean min. + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Total movement.	Days with .01 or more.	Prevailing direction.	Miles per hour.	Maximum velocity.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.					
New England.																																
Eastport.	76	69	74	29.80	29.89	.00	45.3	+ 2.0	70	21	34	26	71	2.55	- 0.8	18	8,036	n.	42	c.	3	6	18	6.9	5.3	1.4						
Portland, Me.	103	81	89	29.82	29.92	.00	45.0	+ 2.0	75	30	54	23	34	37	- 0.6	9	6,017	s.	29	s.	18	15	6	9	4.7	0.3						
Northfield.	875	15	23	29.03	29.99	+ .03	39.4	+ 0.1	75	21	49	15	35	30	- 1.0	11	6,913	s.	46	sw.	30	9	6	15	6.4							
Boston.	125	115	181	29.83	29.97	+ .05	48.6	+ 3.5	81	30	57	27	10	40	31	42	61	1.90	- 1.5	11	8,248	n.	26	13	6	11	5.3					
Nantucket.	128	43	54	29.95	29.96	+ .01	45.2	+ 2.1	62	30	50	30	10	40	18	42	39	83	2.61	- 1.0	7	8,046	n.	38	n.	6	11	8	11	5.6		
Woods Hole.	22	11	27	29.94	29.96	+ .02	45.6	+ 2.4	61	30	52	30	10	40	19	41	38	2.82	- 1.2	6	5,324	sw.	22	1	12	6	12	5.3				
Vineyard Haven.	20	55	70	29.95	29.98	+ .03	47.6	+ 1.2	72	30	55	30	10	40	27	41	37	4.64	+ 1.6	6	11,188	n.	42	n.	6	11	8	14	5.2			
Block Island.	26	11	70	29.95	29.98	+ .03	45.9	+ 2.5	63	26	52	30	10	39	20	41	37	2.83	- 0.8	8	1,188	n.	29	n.w.	1	19	3	8	8			
Narragansett.	10	10	140	29.87	29.99	+ .03	48.4	+ 2.3	76	19	58	25	10	39	35	42	34	61	1.95	- 0.5	6	6	6,831	n.	29	n.w.	1	19	3	8	8	
New Haven.	106	117	140	29.87	29.99	+ .03	52.0	+ 1.4	77	30	58	26	9	38	34	41	35	65	1.31	- 1.2	8	5,967	w.	36	n.	24	13	7	10	5.0		
Md. Atlan. States.							48.0	+ 2.0	77	30	55	22	11	36	36	48	36	62	1.35	- 0.9	8	5,377	n.w.	27	n.	27	12	7	11	5.3	T.	
Albany.	97	84	113	29.90	30.01	+ .06	45.4	- 0.1	75	30	59	29	10	43	23	48	36	62	2.06	- 1.3	6	11,329	n.w.	30	w.	8	10	12	8	5.1	T.	
Binghamton.	875	79	90	29.66	30.00	+ .03	51.1	+ 3.0	75	30	59	29	10	43	23	48	36	62	1.43	- 2.0	6	5,667	w.	30	w.	23	11	8	11	5.4		
New York.	314	108	346	29.66	30.00	+ .03	52.9	+ 2.8	81	30	62	28	11	44	28	57	57	74	1.85	- 1.1	6	8,181	n.w.	36	n.	27	9	11	10	5.7		
Harrisburg.	374	94	104	29.90	29.96	+ .07	48.8	+ 1.6	72	19	56	26	10	41	46	37	57	72	2.03	- 1.3	8	8,292	n.w.	34	n.	6	11	7	12	4.9		
Philadelphia.	117	188	184	29.90	30.02	+ .04	53.6	+ 3.1	77	30	63	29	11	45	28	46	37	57	1.94	- 1.1	6	8,181	n.w.	36	n.	25	15	7	10	5.1	T.	
Atlantic City.	52	68	76	29.96	30.04	+ .07	49.8	+ 1.6	76	20	56	26	10	41	49	39	72	1.61	- 1.6	6	6,100	n.w.	28	n.e.	4	13	7	10	5.1			
Cape May.	17	47	51	30.02	30.04	+ .08	55.0	+ 1.9	84	30	64	30	10	46	31	47	40	61	2.06	- 1.4	10	5,374	n.w.	30	n.w.	4	16	5	9	4.5		
Baltimore.	123	68	82	29.90	30.02	+ .04	54.2	+ 1.2	80	30	64	30	10	44	32	47	38	57	1.74	- 1.6	9	5,515	n.w.	30	n.w.	5	8	11	11	5.7		
Washington.	112	59	76	29.92	30.05	+ .08	52.4	- 2.2	74	30	60	34	5	45	32	48	57	72	4.43	+ 0.4	7	6,771	n.e.	38	n.w.	6	16	9	8	4.5	T.	
Cape Henry.	5	34	88	29.28	30.01	+ .03	57.1	+ 1.2	87	30	68	35	5	46	48	40	57	72	3.74	+ 0.4	9	5,296	n.w.	33	n.w.	11	10	9	5	3.9		
Lynchburg.	681	83	88	29.28	30.01	+ .03	56.3	+ 0.1	82	30	65	35	5	48	31	50	45	72	4.43	+ 0.4	6	4,897	n.	36	n.w.	4	15	6	9	4.4	T.	
Norfolk.	91	102	111	29.94	30.04	+ .06	57.8	+ 0.6	84	30	67	31	5	47	37	48	57	72	5.06	+ 1.6	8	5,000	n.w.	30	n.s.	13	10	9	8	4.5		
Richmond.	144	98	105	29.98	30.03	+ .03	62.6	+ 0.6	84	30	78	42	1	60	30	62	58	76	2.36	- 1.6	8	4,897	n.	30	n.s.	17	15	7	15	4.8		
S. Atlantic States.							59.6	- 0.1	83	29	70	30	1	49	33	52	45	63	5.32	+ 1.8	10	4,960	n.e.	30	sc.	17	8	7	15	6.8		
Charlotte.	773	68	76	29.20	30.02	+ .04	58.6	+ 1.4	76	30	64	38	5	53	52	52	52	81	4.84	+ 0.1	9	5,917	n.w.	34	n.w.	4	14	8	9	5.0		
Hatteras.	11	17	38	30.02	30.03	+ .06	55.4	- 0.4	78	23	62	38	* 48	24	50	50	52	50	5.50	+ 1.0	9	9,402	n.	30	n.s.	17	4	9	9	4.4		
Kittyhawk.	8	12	30	29.98	30.04	+ .06	59.2	+ 0.4	84	24	70	30	5	49	81	52	46	69	4.09	+ 0.8	10	4,272	n.e.	26	n.w.	4	14	9	9	4.4		
Raleigh.	378	93	101	29.64	30.04	+ .06	62.3	+ 0.8	84	8	71	24	5	54	28	55	51	74	1.85	- 1.1	7	6,453	s.	30	aw.	12	13	8	9	4.5		
Wilmington.	78	82	90	29.95	30.04	+ .06	62.3	+ 0.8	86	8	71	24	5	54	28	55	52	70	1.85	- 1.1	7	6,453	s.	30	aw.	12	13	8	9	4.5		
Charleston.	48	14	92	30.00	30.05	+ .05	65.8	+ 1.2	86	8	73	39	5	59	32	58	52	70	3.42	- 0.2	11	8,026	s.	36	n.e.	10	15	9	10	5.5		
Columbia.	5	5	57	29.82	30.04	+ .03	64.4	+ 0.2	86	7	75	32	1	54	41	57	51	71	7.59	+ 4.2	11	4,484	s.	28	n.w.	2	10	12	8	4.9		
Augusta.	180	89	103	29.82	30.01	+ .04	64.4	+ 0.2	86	7	75	32	1	54	41	57	51	71	7.59	+ 4.2	11	4,484	s.	28	n.w.	2	10	12	8	4.9		
Savannah.	65	79	89	29.96	30.03	+ .00	67.2	+ 1.1	86	29	76	32	10	41	58	55	63	76	4.99	+ 1.5	11	6,206	s.	28	s.	18	14	10	6	4.3		
Jacksonville.	43	69	84	29.98	30.03	+ .03	69.4	+ 0.5	87	29	78	42	1	60	30	62	58	76	2.36	+ 4.5	12	5,807	s.	30	s.	20	13	10	7	4.3		
Florida Peninsula.							73.5	- 0.5	88	29	73	31	1	53	33	54	48	63	6.27	+ 2.6	14	7,154	n.w.	43	n.e.	10	9	8	13	5.6		
Jupiter.	28	13	30	29.99	30.02	+ .03	72.4	+ 0.4	87	24	78	54	6	67	65	81	81	72	2.16	- 0.3	7	8,180	s.e.	30	n.e.	5	11	16	3	4.4		
Key West.	22	43	50	29.98	30.00	+ .01	74.6	- 1.5	83	27	79	60	1	70	13	69	66	77	1.18	0.0	5	7,033	s.e.	28	n.w.	36	12	14	4	4.3		
Tampa.	34	60	67	29.98	30.02	+ .01	66.0	- 0.4	88	26	73	31	1	61	31	62	60	73	3.74	+ 1.3	9	4,819	s.e.	36	s.	20	12	10	8	5.0		
East Gulf States.							62.6	- 1.0	88	29	73	31	1	53	33	54	48	63	6.27	+ 2.6	14	7,154	n.w.	43	n.e.	10	9	8	13	5.6		
Atlanta.	1,174	139	156	28.78	30.02	+ .01	64.6	- 0.2	86	26	76	36	12	56	28	58	53	72	4.77	+ 1.2	13	5,238	s.	26	n.w.	11	9	7	14	5.9		
Macon.	370	93	99	29.90	30.00	+ .01	66.5	- 1.2	84	25	72	43	1	61	43	53	48	63	4.19	+ 0.7	7	7,000	s.	32	n.e.	23	12	9	9	5.2		
Pensacola.	58	78	90	29.93	30.00	+ .01	66.2	- 0.7	86	25	74	39	1	59	28	61	58															

TABLE I.—Climatological data for Weather Bureau Stations, April, 1900—Continued.

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.										Mean wet thermometer.		Wind.							
			Barometer above sea level, feet.	Thermometers above ground.	Mean actual 8 a.m. + 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. + 2.	Mean min. + 2.	Maximum.	Date.	Mean maximum.	Date.	Mean minimum.	Greatest daily range.	Total.	Departure from normal.	Days with 0.1 or more.	Total movement, miles.	Miles per hour.	Prevailing direction.	Maximum velocity.		
	Thermometer above ground.	Anemometer above ground.	Mean + 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. + 2.	Mean min. + 2.	Maximum.	Date.	Mean maximum.	Date.	Mean minimum.	Greatest daily range.	Total.	Departure from normal.	Days with 0.1 or more.	Total movement, miles.	Miles per hour.	Prevailing direction.	Maximum velocity.				
<i>Upper Miss. Valley.</i>																								
Minneapolis.	99	208	29.12	30.03	+ .06	54.3	+ 5.1	81	28	63	26	10	42	33	44	50	2.04	- 1.0	8	9,569	se.	40		
St. Paul.	887	114	124	29.12	30.03	+ .06	52.1	+ 6.9	80	28	63	23	12	43	34	35	1.80	- 1.0	6	5,761	se.	30		
La Crosse.	714	70	78	29.36	30.02	+ .05	51.8	+ 4.4	80	28	62	27	11	41	34	45	2.48	+ 0.2	10	4,974	ne.	34		
Davenport.	608	71	79	29.36	30.02	+ .05	52.6	+ 2.9	81	29	62	28	12	43	34	38	2.10	- 0.7	10	5,985	ne.	33		
Des Moines.	861	84	88	29.03	30.02	+ .07	54.4	+ 3.9	80	27	63	28	12	44	35	48	3.82	- 1.0	10	6,666	se.	34		
Dubuque.	698	101	109	29.26	30.04	+ .08	51.6	+ 3.0	80	29	62	27	12	41	35	44	5.88	- 0.4	6	5,285	ne.	34		
Keokuk.	614	68	78	29.35	30.01	+ .06	54.6	+ 2.6	82	29	64	28	12	45	34	48	2.10	- 1.1	9	5,517	e.	30		
Cairo.	356	87	93	29.61	30.00	+ .05	59.2	+ 0.3	82	28	63	29	12	50	53	52	47	1.79	- 2.1	10	6,244	se.	38	
Springfield, Ill.	644	82	92	29.93	30.02	+ .05	54.7	+ 1.8	83	29	65	27	12	44	31	46	3.06	- 1.2	9	7,459	e.	30		
Hannibal.	534	73	110	29.93	30.02	+ .05	55.4	+ 1.7	84	29	66	27	12	45	38	41	61	1.06	- 2.6	9	7,348	ne.	36	
St. Louis.	567	111	210	29.38	29.99	+ .04	58.0	+ 1.8	83	29	67	32	12	49	31	51	66	1.83	- 2.0	10	7,644	e.	35	
<i>Missouri Valley.</i>																								
Columbia.	784	4	84	28.95	29.97	+ .08	56.2	+ 1.3	85	29	68	28	11	45	41	44	3.02	- 0.3	8	6,893	e.	31		
Kansas City.	963	78	95	28.95	29.97	+ .08	58.0	+ 0.5	82	28	67	32	11	49	52	48	40	5.62	- 0.7	9	5,680	se.	26	
Springfield, Mo.	1,324	100	103	28.56	29.96	+ .01	58.0	+ 0.5	81	27	68	28	12	49	50	51	47	3.28	- 0.2	15	7,988	se.	34	
Topeka.	81						57.4	+ 0.6	82	28	68	27	13	47	38	44	2.38	- 0.1	8		e.	36		
Lincoln.	1,189	75	84	28.68	29.95	+ .01	54.4	+ 3.0	79	28	65	24	12	44	41	46	4.33	- 1.9	12	8,721	ne.	38		
Omaha.	1,105	115	121	28.78	29.96	+ .01	55.6	+ 4.6	79	27	65	27	12	46	33	49	69	3.42	- 0.3	12	8,625	se.	38	
Valentine.	2,598	39	40	27.24	29.96	- .04	50.0	+ 2.8	77	19	61	23	13	39	35	43	34	4.70	- 1.9	11	9,109	s.	44	
Sioux City.	1,135	96	164	28.26	29.96	- .04	52.9	+ 4.9	78	23	65	26	12	42	36	42	3.80	- 0.7	9	10,369	e.	45		
Pierre.	1,572	11	19	28.29	29.96	- .08	53.6	+ 7.3	87	20	67	23	13	41	46	43	31	5.0	- 0.9	9	10,176	e.	43	
Huron.	1,306	56	67	28.59	29.99	+ .01	51.8	+ 7.4	81	19	65	23	13	39	45	44	36	64	2.8	- 0.8	8	9,909	se.	45
Yankton.	1,233	52	58				53.5	+ 6.8	78	19	64	25	11	42	40	44	4.27	- 1.3	11	7,990	e.	37		
<i>Northern Slope.</i>							47.6	+ 2.9	74	30	62	20	17	37	45	42	35	66	3.83	- 2.2	5	7,130	ne.	33
Havre.	2,505	46	47	27.29	29.93	- .04	49.5	+ 5.5	74	30	62	20	17	37	45	42	35	66	1.38	- 0.4	5	6,445	se.	38
Miles City.	2,971	42	50	27.36	29.88	- .10	53.0	+ 6.4	84	20	66	24	12	40	42	46	42	75	0.96	- 0.1	6	5,445	sw.	34
Helena.	4,110	88	93	25.75	29.96	- .04	47.4	+ 0.8	73	19	57	30	8	38	33	40	30	58	2.49	- 1.4	8	5,411	sw.	27
Kalispell.	2,965	45	51	26.85	29.94	- .04	48.0	+ 0.8	75	30	60	26	8	36	43	40	43	59	1.33	- 0.5	6	4,181	w.	32
Rapid City.	3,234	46	50	26.52	29.88	- .12	49.8	+ 3.2	82	20	60	28	11	40	39	42	34	81	1.5	- 13	5,818	s.	32	
Cheyenne.	6,088	56	64	23.90	30.00	+ .01	40.3	+ 0.7	69	20	50	6	11	30	36	35	29	73	7.66	- 6.3	15	6,731	n.w.	41
Lander.	5,372	28	36	24.54	29.96	- .08	42.8	+ 0.3	72	20	53	9	12	33	44	37	31	72	7.19	- 4.9	15	5,047	w.	33
North Platte.	2,821	42	52	27.01	29.96	+ .01	50.5	+ 2.0	73	2	60	24	11	41	44	50	53	8.34	- 1.2	12	8,484	se.	47	
<i>Middle Slope.</i>							53.3	+ 0.8	72	21	55	8	11	34	34	37	69	5.10	- 3.1	5	6,020	se.	35	
Denver.	5,291	79	151	24.62	29.99	+ .08	44.6	+ 2.3	72	21	55	8	11	34	34	37	80	66	8.24	- 6.2	16	6,370	n.	52
Pueblo.	4,685	80	86	25.16	29.92	- .00	46.6	+ 3.9	74	1	58	20	11	35	42	40	43	68	8.13	- 6.7	15	6,028	n.	42
Concordia.	1,398	42	47	28.45	29.94	- .00	55.9	+ 0.6	83	26	67	27	11	45	36	48	43	71	4.02	- 2.0	15	6,307	se.	30
Dodge.	2,509	44	52	27.23	29.90	- .00	54.2	+ 0.5	86	2	65	18	11	43	44	46	41	74	4.08	- 2.5	14	9,346	se.	45
Wichita.	1,858	78	85	25.48	29.92	- .01	58.2	+ 0.4	82	26	68	32	12	48	36	50	44	66	2.77	- 0.5	11	6,948	s.	30
Oklahoma.	1,214	54	62	28.60	29.89	- .01	58.0	+ 0.2	81	26	70	32	11	50	37	52	47	68	3.35	- 0.5	14	8,275	s.	39
<i>Southern Slope.</i>							57.4	+ 2.9	74	21	55	8	11	34	34	37	66	5.45	- 3.6	5	6,020	se.	34	
Abilene.	1,738	45	54	28.05	29.87	- .06	62.6	+ 2.7	84	3	73	33	12	52	82	82	47	61	5.43	- 2.7	12	7,254	se.	44
Amarillo.	3,676	54	61	26.10	29.87	- .04	52.2	+ 3.1	81	2	64	22	10	41	37	45	38	68	5.47	- 4.6	13	12,502	sw.	64
<i>Southern Plateau.</i>							56.7	+ 4.1	81	2	64	22	10	41	37	45	38	68	1.44	- 1.0	1	9,824	nw.	54
El Paso.	3,762	10	110	26.04	29.86	- .08	59.4	+ 4.4	84	20	74	34	11	45	42	42	40	30	0.03	- 0.1	1	10,566	sw.	38
Santa Fe.	7,018	47	50	23.10	29.89	- .03	44.0	+ 2.6	66	20	54	19	11	34	32	34	19	46	2.10	- 1.4	10	5,431	sw.	38
Flagstaff.	6,907	12	25	23.18	30.01	- .01	37.7	+ 0.7	68	19	49	10	24	26	42	38	4.21	8.1	- 1.5	15	12,190	sw.	31	
Phenix.	1,108	47	57	28.69	29.86	- .01	63.0	+ 3.7	98	19	75	40	10	51	37	49	35	44	1.12	- 0.8	3	3,606	w.	23
Yuma.	141	16	50	29.66	29.80	- .08	65.2	+ 4.6	95	19	79	41	9	50	42	50	53	53	0.53	- 0.5	4	6,401	w.	36
Independence.	3,910	51	58	25.84	29.82	- .11	52.0	+ 2.6	73	* 20	63	32	9	40	33	39	17	31	0.63	- 0.4	4	8,740	n.w.	52
<i>Middle Plateau.</i>							46.9	+ 2.6	73	18	55	22	10	32	41	36	25	50	2.12	- 1.2	8	6,352	sw.	38
Carson City.	4,720	88	92	25.16	29.97	- .01	43.6	+ 4.6	73	18	55	22	10	32	41	36	25	50	2.12	- 1.2	8	6,352	sw.	38
Winnebucca.	4,344	50	70	25.56	29.96	- .00	43.4	+ 8.9	77	18	55	18	10	32	44	36	24	52	0.96	- 0.0	9	7,546	n.w.	46
Cedar City.	5,850	36	47	24.09	29.93	- .00	43.2	+ 7.0	70	19	52	24	10	35	37	35	26	4.756	- 0.5	15	12,731	se.	32	
Salt Lake City.	4,366	108	110	25.47	29.90	- .08	49.1	+ 0.4	78	19	58	80	9	40	32	41	26	49	2.91	- 0.7	14	5,271	n.w.	38
Grand Junction.	4,008	43	50	25.21	29.86	- .00	49.3	+ 0.6	79	*	62	32	8	43	34	49	47	62	2.27	- 0.9	12	4,713	n.w.	31
<i>Northern Plateau.</i>							50.1	+ 1.1	71	1	55	24	8	36	32	38	29	58	1.49	- 0.3	8	6,195	s.	32
Boise.	3,471	53	58	26.36	29.97	- .05	45.8	+ 1.2	71	1	55	24	8	40	35	42	33	58	1.96	- 0.8	8	6,195	n.w.	28
Pocatello.	2,739	61	68	27.06	29.92	- .08	51.0	+ 0.1	81	1	62	29	8	40	35	40	32	82	3.31	- 1.8	14	6,307	w.	36
Spokane.	1,949	99	107	27.91	29.97	- .																		

NOTE.—The data at stations having no departures are not used in computing the district averages. Letters of the alphabet denote number of days missing from the record. *Two or more dates. †Received too late to be considered in departures, etc.

TABLE II.—Climatological record of voluntary and other cooperating observers, April, 1900.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Alabama.</i>	o	o	o	In.	In.	<i>Arizona—Cont'd.</i>	o	o	o	In.	In.	<i>California—Cont'd.</i>	o	o	o	In.	In.	
Ashville.....	86	26	62.4	12.56		San Simon*1.....	78	50	65.8	0.77		Delano*1.....	75	43	55.5	0.89		
Bermuda.....	91	30	67.0	9.20		Sentinel*1.....	100	53	68.4	0.92		Delta*1.....	83	38	54.8	8.50		
Birmingham.....	88	35	66.2	13.06		Signal.....	97	36	62.2	1.15		Deweyville.....	90	30	58.4	0.12		
Brenton.....	90	33	66.8	7.04		Silverking.....	.....	.....	.....	.....		Drytown.....	82	32	56.2	3.39	
Bridgeport.....	.....	.....	8.35	.....		Snowflake.....	78	21	46.2	1.26	4.5	Dunnigan*1.....	81	45	57.0	1.48	
Citronelle.....	84	40	67.0	6.19		Strawberry.....	74	17	42.8	3.61	19.5	Durham*1.....	81	38	56.6	2.43		
Clanton.....	85	30	63.4	6.70		Supal.....	93	37	58.7	2.72		East Brother L. H.	.....	.....	.....	0.50	
Decatur.....	87	29	62.0	7.65		Texas Hill*1.....	100	55	68.4	0.95		Edmonton*1.....	74	24	48.1	6.24	12.0	
Demopolis.....	.....	.....	14.12	.....		Tonto.....	89	27	53.5	2.80		Ela Cajon.....	82	34	56.3	1.30	
Elba.....	.....	.....	4.77	.....		Tucson.....	88	35	59.1	1.12		Elmendale.....	84	30	56.0	1.94	
Eufaula c.....	90	30	65.4	5.00		Vail*5.....	87	47	62.4	0.80		Elsinore.....	92	29	56.5	0.77		
Eufaula c.....	.....	.....	4.84	.....		Walnutgrove.....	.....	.....	.....	.....		Escondido.....	76	23	53.0	2.23	
Eutaw.....	88	38	65.8	19.64		Willcox*1.....	80	89	57.9	0.14		Fallbrook*1.....	82	40	54.7	1.00		
Evergreen.....	85	30	66.2	5.40		Winslow.....	78	23	50.0	0.84		Folsom City*1.....	95	44	58.2	2.82		
Florence a.....	.....	.....	9.12	.....		Yarnell.....	.....	.....	.....	.....		Fordyce Dam.....	.....	.....	.....	5.06	36.0
Florence b.....	84	28	62.0	9.39		<i>Arkansas.</i>	.....	.....	.....	.....		Fort Ross.....	70	38	52.0	5.61	
Fort Deposit.....	85	37	64.8	7.42		Amity.....	89	28	68.8	4.56		Georgetown.....	75	31	50.1	5.46		
Gadsden.....	86	27	63.3	11.84		Arkadelphia.....	90	30	63.6	6.36		Gilroy Hot Springs.....	.....	.....	.....	0.84	
Goodwater.....	88	26	61.5	6.10		Arkansas City.....	.....	.....	.....	.....		Gilroy (near).....	81	29	54.2	1.55	
Greensboro.....	86	35	64.4	12.95		Batesville.....	86	30	63.1	2.57		Glendora.....	.....	.....	.....	0.77	
Hamilton.....	86	26	61.2	8.81		Beebranch c.....	87	28	61.6	4.25		Goshen*1.....	88	42	63.2	1.83		
Healing Springs.....	89	34	65.8	11.89		Blanchard Springs.....	86	30	63.6	0.48		Grand Island*6.....	82	44	61.6	1.44		
Highland Home.....	84	37	66.2	7.87		Brinkley.....	89	31	61.3	5.91		Grass Valley.....	78	20	46.0	3.12	T.	
Livingston a.....	85	32	64.0	.....		Camden b.....	90	31	64.2	6.35		Greenville.....	78	20	46.0	3.12	T.
Livingston b.....	85	34	64.4	17.17		Camden b.....	86	28	60.2	4.69		Hanford.....	89	32	57.8	1.04		
Loch No. 4.....	86	28	61.7	9.36		Canton.....	96	29	65.4	1.83		Healdsburg.....	85	38	56.2	3.48		
Madison Station.....	86	27	62.2	11.69		Conway.....	87	28	62.6	3.62		Hollister.....	79	28	58.0	1.67		
Maplegrove.....	87	30	61.0	11.86		Dallas.....	90	30	64.0	5.92		Humboldt L. H.	.....	.....	.....	4.59	
Marion.....	89	35	65.0	8.62		Dardanelle.....	.....	.....	.....	.....		Indio*1.....	98	36	61.4	0.15	
Mount Willing.....	85	29	62.2	7.40		Elon.....	88	30	63.4	7.88		Iowa Hill*1.....	74	39	50.8	4.50		
Newbern.....	85	32	65.6	8.30		Fayetteville.....	88	29	60.2	3.39		Irvine.....	86	50	67.2	1.09		
Newburg.....	.....	.....	12.09	.....		Fulton.....	.....	.....	.....	.....		Jackson.....	66	32	46.4	3.52	
Newton.....	84	31	62.0	6.42		Hardy.....	84	30	60.8	4.85		Johnsville.....	.....	.....	.....	4.00	46.0
Oneonta.....	83	24	61.8	11.03		Heleña a.....	.....	.....	.....	.....		Jolon.....	.....	.....	.....	0.68	
Opelika.....	86	32	63.8	4.51		Heleña b.....	86	35	61.8	4.41		Kennedy Gold Mine.....	74	28	49.4	4.44		
Oxanna.....	84	28	61.8	8.99		Hot Springs b.....	91	32	64.6	3.88		Kernville.....	.....	.....	.....	0.52	
Pineapple.....	90	28	65.7	8.33		Jonesboro.....	84	27	60.4	3.29		King City*1.....	80	34	50.5	0.92		
Prattville.....	89	29	66.0	.....	Keesees Ferry.....	84	28	60.5	4.22		Kono Tayee.....	76	38	54.8	2.92		
Pushmnataha.....	87	32	65.0	13.87		Lacrosse.....	85	29	63.0	3.22		Lagrange*6.....	83	36	58.5	2.73		
Riverton.....	83	27	59.5	8.18		Lonoke.....	90	30	63.0	3.32		Lamesa.....	.....	.....	.....	1.73	
Rockmills.....	87	29	64.6	3.27		Luna Landing.....	85	33	65.5	7.09		Lankershim.....	89	31	57.2	1.79		
Scottsboro.....	84	32	60.9	12.07		Lutherville.....	85	28	61.4	5.68		Laporte*1.....	66	25	40.2	6.51	28.9	
Seima.....	88	33	65.0	7.38		Malvern.....	84	29	61.0	4.54		Las Fuentes Ranch.....	.....	.....	.....	0.42	
Talladega.....	.....	.....	6.16	.....		Mariana.....	85	31	63.0	3.32		Lemoncove.....	93	35	58.8	2.82	
Tallassee.....	88	38	66.6	5.55		Marvell.....	85	34	63.1	4.93		Lemoore a*1.....	87	38	56.6	0.96		
Thomasville.....	88	38	66.7	7.32		Mount Nebo.....	84	32	60.1	5.63		Lick Observatory.....	66	28	43.0	4.06		
Tuscaloosa.....	89	30	68.0	15.67		Newport a.....	.....	.....	.....	.....		Lime Point L. H.	.....	.....	.....	1.20	
Tuscumbia.....	89	30	60.6	10.19		Newport b.....	86	30	60.7	4.36		Lodi.....	80	32	56.8	2.26		
Tuskegee.....	88	31	64.7	5.93		Newport c.....	89	30	62.4	4.20		Los Gatos b.....	81	34	54.5	1.73		
Union Springs.....	86	39	66.4	8.30		Osceola.....	90	32	63.8	3.62		Mammoth*1.....	96	50	66.7	0.30		
Uniontown.....	87	39	66.6	6.88		Ozark.....	87	31	63.9	2.58		Manzana.....	84	35	53.3	0.42		
Valleyhead.....	85	30	61.4	11.40		Pine Bluff.....	89	32	61.1	6.93		Mare Island L. H.	.....	.....	.....	1.87	
Warrior.....	.....	.....	9.48	.....		Pocahontas.....	86	28	59.8	3.16		Merced b.....	87	31	55.8	1.83	
Wetumpka.....	90	29	65.8	6.54		Pond.....	85	24	59.4	2.24		Mills College.....	.....	.....	.....	1.62	
<i>Alaska.</i>	59	30	41.0	12.09	1.2		Powell.....	88	32	60.9	3.99		Milo.....	4.59	
Allaire Ranch.....	.....	.....	0.60	.....		Prescott.....	88	30	63.9	5.17		Milton (near)*1.....	78	35	54.4	8.67	
Arivaca.....	90	30	56.1	1.74	T.	Rison.....	89	32	65.4	10.06		Modesto*1.....	86	44	59.6	1.70		
Arizona Canal Co. Dam.....	89	46	68.2	1.56		Russellville.....	80	31	60.8	4.11		Mohave*1.....	80	40	51.0	0.21		
Aztec*6.....	97	51	69.8	1.81		Silver Springs.....	89	29	60.8	4.18		Mokelumne Hill*2.....	.....	35	49.5	3.32	
Benson*1.....	78	46	61.8	0.27		Spielerville.....	89	35	63.0	5.04		Monterey*5.....	74	32	49.2	3.58		
Bisbee.....	78	29	52.4	0.97	1.0	Stamps.....	86	31	62.7	5.98		Moreno.....	.....	.....	.....	3.60	T.
Bowie*5.....	82	50	67.8	0.00		Stuttgart.....	87	31	62.5	4.09		Mountainview.....	.....	.....	.....	0.69	
Buckeye.....	93	85	62.3	1.00		Texarkana.....	91	42	67.4	6.28		Napa b.....	80	34	55.6	1.60		
Camp Creek.....	84	87	66.5	2.63		Washington.....	88	31	63.5	5.63		Needles.....	93	47	70.7	0.06		
Casta grande*1.....	91	48	67.2	0.55		Wiggs.....	88	27	62.4	5.37		Nevada City.....	74	29	48.5	4.89	2.0	
Champie Camp.....	95	34	59.8	2.90		Winslow.....	80	31	58.6	6.68		Newhall*1.....	88	35	55.9	0.25		
Congress.....	85	37	57.0	1.76		Witts Springs.....	85	24	56.0	6.82		North Bloomfield.....	76	30	49.8	6.82		
Dragoon Summit*1.....	77	40	58.7	0.22	T.	Anada.....	.....	.....	.....	.....		North Ontario.....	78	37	52.4	1.68	
Dudleyville.....	89	32	59.4	1.10		Angiola.....	91	30	57.0	1.22		North San Juan*1.....	90	32	52.4	4.87		
Fort Apache.....	80	25	52.9	1.75		Azusa.....	.....	.....	.....	.....		Oakland a.....	75	41	55.6	1.48	
Fort Defiance.....	69	21	42.8	1.36	4.0	Bakersfield.....	92	34	58.6	0.78		Ogiby*1.....	102	55	70.5	0.00		
Fort Grant.....	78	32	53.0	0.48		Balfast Point L. H.	.....	.....	.....	.....		Oleta*1.....	73	37	50.8	3.87	
Fort Huachuca.....	79	31	54.0	1.29		Bear Valley.....	.....	.....	.....	.....		Orland*1.....	85	40	55.8	2.72	
Fort Mohave.....	102	41	67.1	0.13		Bellevue.....	.....	.....	.....	.....		Palermo.....	82	32	57.8	1.86	
Gila Bend*1.....	94	51	66.5	1.10		Berkeley.....	70	40	54.2	1.58		Palmade.....	.....	.....	.....	0.57	
Holbrook.....	80	23	50															

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
California—Cont'd.	°	°	°	In.	In.	Colorado—Cont'd.	°	°	°	In.	In.	Florida—Cont'd.	°	°	°	In.	In.
Poway* ³	75	43	52.8	1.48	T.	Hochne.....	77	16	46.2	3.78	8.0	Lake City.....	89	37	69.3	6.40	
Quincy.....	75	24	46.4	3.54		Holly.....	82	20	48.0	5.33		Lemon City.....	86	54	74.2	6.45	
Ranch House.....	85	27	53.6	2.95		Hugo.....	67	0	39.1	10.16	12.0	Maccleenny.....	89	39	69.2	8.15	
Raymond.....	82	39	57.2	2.59		Husted.....	59	8	30.0	16.52	141.0	Manatee.....	86	50	72.1	1.57	
Redding.....	87	37	55.9	2.03		Lake Moraine.....	84	32	52.0	8.34	7.0	Middleburg.....	86	42	68.5	13.05	
Reedly.....	88	33	57.8	1.82		Lamar.....	78	18	48.4	7.54		Myers.....	88	50	72.0	2.87	
Repreza.....	78	36	55.9	8.12		Laporte.....	75	12	43.0	0.93		New Smyrna.....	89	39	68.2	2.00	
Riovista.....	80	39	57.1	0.94		Las Animas.....	77	17	46.6	7.27	1.0	Nocatee.....	93	45	73.8	8.58	
Riverside.....	87	36	56.5	0.74		Lay.....	75	12	43.0	0.93		Ocala.....	92	36	71.0	7.26	
Roe Island L. H. ....	.....	.....	.....	1.29		Leroy.....	77	17	46.6	7.27		Orange City.....	90	38	71.1	2.08	
Rosewood.....	86	28	54.0	2.42		Longs Peak.....	63	9	31.6	6.34	69.0	Orlando.....	87	42	70.4	3.38	
Sacramento <i>a</i>	83	38	58.2	1.97		Mancos.....	74	17	42.7	3.97	13.5	Plant City.....	92	38	71.2	4.52	
Salinas* ¹	67	42	57.7	1.49		Marshall Pass.....	75	18	43.7	2.14	1.8	St. Andrews.....	90	38	67.0	1.53	
Salton* ⁶	100	55	70.3	1.50		Meeker.....	75	18	43.7	4.07	49.5	St. Francis.....	86	35	68.5	2.63	
San Bernardino.....	89	31	55.2	1.96		Mitchell.....	75	17	43.0	0.95		Sebastian.....	89	50	71.6	0.75	
San Jacinto.....	92	27	56.2	1.97		Montrose.....	62	—8	35.0	7.74	63.0	Stephensville* ¹	88	44	67.8	8.76	T.
San Jose.....	84	38	58.8	1.66		Moraine.....	75	19	44.6	2.10		Switzerland* ¹	86	42	67.8	9.25	
San Leandro* ¹	76	48	58.4	1.88		Pagoda.....	75	19	40.6	10.60	81.0	Tallahassee.....	85	38	67.2	4.05	
San Luis L. H. ....	.....	.....	.....	1.48		Palmer.....	80	29	50.1	2.17		Tarpon Springs.....	86	36	68.7	3.52	
San Mateo* ¹	77	44	59.2	1.23		Parachute.....	79	16	45.6 ^b	0.79	0.8	Wausau.....	90	36	65.0	3.90	
San Miguel Island.....	84	38	57.0	0.44		Perrypark.....	73	16	45.6 ^b	8.72		Georgia.....	.....	.....	.....	.....
Santa Barbara <i>a</i>	73	40	56.0	0.42		Rangely.....	79	17	48.8	7.15		Adairsville.....	84	80	59.4 ^c	6.57	
Santa Barbara L. H. ....	.....	.....	.....	0.35		Ruby.....	75	17	48.8	3.00	45.0	Albany.....	91	41	69.4	4.94	
Santa Clara <i>a</i>	77	32	58.8	2.31		Saguache.....	73	18	43.6	2.19	8.0	Allentown.....	90	38	66.5	4.10	
Santa Cruz <i>b</i>	72	20	59.2	2.34		Salida.....	73	6	42.2	5.46	11.0	Americus.....	88	31	65.8	3.26	
Santa Cruz L. H. ....	.....	.....	.....	0.97		San Luis.....	71	12	39.9	2.16	21.2	Athens ^d	83	29	61.6	7.76	
Santa Maria.....	80	32	55.6	0.97		Santa Clara* ¹	64	19	38.5	8.07	55.0	Bellville.....	.....	.....	.....	8.77	
Santa Monica* ¹	66	50	57.0	0.10		Sapinero.....	75	21	49.4	1.86	5.5	Canton.....	.....	.....	.....	4.64	
Santa Paula.....	85	41	60.2	0.88		Sargeants.....	75	21	49.4	2.71	29.0	Carlton.....	.....	.....	.....	5.50	
Santa Rosa* ¹	74	37	55.8	2.83		Seibert.....	75	21	49.4	10.67	3.0	Cedartown.....	83	27	61.6	6.20	
Shasta.....	88	33	57.7	7.47		Silt.....	74	24	46.4	1.48		Clayton.....	84	33	57.4	7.82	
Sierra Madre.....	81	40	56.0	1.09		Springfield.....	75	21	49.4	12.77	6.0	Columbus.....	85	35	65.0	5.00	
Snedden.....	.....	.....	.....	0.50		Strickler Tunnel.....	75	21	49.4	14.30	161.0	Covington.....	90*	32	65.4 ^c	7.54	
Sonoma.....	.....	.....	.....	1.59		Trinidad.....	73	10	45.4	4.18	8.0	Dahlonega.....	85	23	58.9	6.72	
S. E. Farallone L. H. ....	.....	.....	.....	1.70		Troutvale.....	75	5	31.4	2.57	28.5	Diamond.....	84	25	68.0	7.69	
Stanford University.....	76	34	54.0	0.81		T. S. Ranch.....	75	29	48.6	1.63		Dublin.....	.....	.....	.....	2.77	
Stockton.....	70	35	52.8	1.74		Twinlakes.....	75	21	49.4	3.00	30.0	Elberton.....	85	30	63.0	5.31	
Summerville.....	67	20	59.2	5.50	17.0	Vilas.....	75	21	49.4	6.01	0.5	Fitzgerald.....	89	35	67.1	4.28	
Susanville.....	72	25	46.8	0.90		Wagon Wheel.....	65	10	34.0	2.20	22.0	Fleming.....	90	32	66.0	7.15	
Tehama* ¹	82	45	57.8	2.85		Walden.....	64	4	37.4	1.87	17.2	Forsyth.....	88	32	65.0	4.67	
Tejon Ranch.....	83	38	58.9	1.97		Wallet.....	75	21	49.4	6.62	4.0	Fort Gaines.....	87	34	65.8	4.59	
Thermalito.....	82	38	57.1	2.72		Westcliffe.....	63	3	36.2	3.60	36.0	Franklin.....	84	33	64.4	4.04	
Trinidad L. H. ....	.....	.....	.....	5.68		Wray.....	83	21	49.4	6.00	2.5	Gainesville.....	90	27	59.2	5.76	
Truckee* ¹	66	28	46.0	1.90		Yuma.....	75	21	49.4	8.67	1.5	Gillsville.....	86	30	60.3	8.10	
Tulare <i>b</i>	92	34	58.0	1.78		Connecticut.....	.....	.....	.....	.....	.....	Greenbush.....	85	25	60.8	7.12	
Tulare <i>c</i>.....	.....	.....	.....	1.77		Bridgeport.....	78	25	48.9	2.41		Harrison.....	88	30	65.9	3.98	
Ukiah.....	86	28	53.8	1.91		Canton.....	78	19	45.8	1.64		Hawkinsville.....	.....	.....	.....	8.81	
Upperlake.....	86	31	52.8	2.13		Colchester.....	77	22	47.6	1.04		Jesup.....	86	36	67.4	4.47	
Upper Mattole* ¹	81	32	50.4	6.51		Falls Village.....	75	21	49.4	1.69		Lost Mountain.....	85	28	62.8	6.16	
Vacaville <i>a</i> * ¹	82	46	58.1	1.89		Greenfield Hill.....	75	21	49.4	2.14		Louisville.....	89	32	66.3	4.75	
Ventura.....	76	35	54.8	0.38		Hartford <i>b</i>	76	27	48.4	1.89		Lumpkin.....	86	34	67.2	6.28	
Visalia <i>b</i>	90	33	57.4	2.22		Hawleyville.....	76	20	46.8	1.90		Marshallville.....	86	32	67.8	4.02	
Volcano Springs* ¹	101	52	68.6	T.	Lake Konomoo.....	75	21	49.4	2.53		Mauzy.....	89	32	67.2	8.22		
Walnutreek.....	80	35	57.4	1.10		Middletown.....	78	22	48.7	2.39		Morgan.....	88	35	64.5	4.59	
Westpoint.....	.....	.....	.....	2.04		New London.....	72	30	49.2	2.07		Naylor.....	87	34	67.4	6.98	
West Satcoy.....	.....	.....	.....	0.15		North Grosvenor Dale.....	79	21	46.5	2.75		Newman.....	83	30	61.3	4.98	
Wheatland.....	81	34	56.0	1.58		Norwalk.....	76	21	47.8	1.95		Oakdale.....	.....	.....	.....	6.66	
Williams* ¹	83	43	60.6	1.13		Southington.....	77	23	46.7	1.60		Pelham.....	.....	.....	.....	8.26	
Wilmington* ¹	75	49	59.2	0.54		Storrs.....	78	20	45.9	2.67		Piscata.....	89	37	69.6 ^c	5.20	
Wire Bridge* ⁶	81	34	56.6	3.44		Voluntown.....	73	23	46.8	2.43		Point Peter.....	88	38	59.2	6.27	
Yerba Buena L. H. ....	.....	.....	.....	1.20		Wallingford.....	75	21	49.4	1.98		Poulain.....	86	35	65.6	4.41	
Yreka.....	78	22	48.6	0.42		Waterbury.....	79	22	48.4	2.23		Putnam.....	88	31	65.6	5.16	
Yuba City* ⁶	85	44	62.2	2.67		West Cornwall.....	74	21	43.8	1.95		Quitman.....	89	34	67.1	6.05	
Colorado	.....	.....	.....	9.21		West Simsbury.....	77	26	44.2	1.68		Ramsey.....	83	26	60.4	6.93	
Arkins.....	72	10	45.8	9.18	20.0	Delaware.....	76	29	52.4	2.45		Resaca.....	.....	.....	.....	7.03	
Boulder.....	.....	.....	.....	6.70	25.0	Millsboro.....	77	25	51.5	2.19		Reynolds.....	.....	.....	.....	8.56	
Boxelder.....	.....	.....	.....	4.82	72.5	Newark.....	79	30	54.2	2.43		Rome.....	84	30	61.7	7.83	
Breckenridge.....	45	—4	23.0	4.82		Seaford.....	85	24	54.6	2.48		Talbotton.....	86	28	64.4	5.02	
Buenavista.....	.....	.....	.....	1.90	19.0	Wyoming.....	85	24	54.6	2.48		Thomasville.....	87	37	67.8	3.76	
Canyon.....	77	13	47.7	6.72	7.5	District of Columbia.....	82	34	55.3	1.84		Tocoo.....	88	33	62.6	10.50	
Casterrock.....	73	—3	39.5	7.90	61.0	Receiving Reservoir* ⁵	82	28	54.9	1.94		Valona.....	90	40	68.4	6.08	
Cedaredge.....	76	25	47.4	2.16	5.5	West Washington.....	82	35	54.9	1.94		Washington.....	90	37	67.6	5.50	
Cheyenne Wells.....	79	20	48.0	9.95	4.0	Florida.....	83 ^d	35<									

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Idaho</i> —Cont'd.																	
Marysville ^d	°	°	°	Ins.	Ins.	Tuscola	°	°	°	Ins.	Ins.	Iowa—Cont'd.	°	°	°	Ins.	Ins.
Moscow.....	72	20	43.2	1.87	3.0	Walnut	86	24	53.2	1.13	1.5	Cedarfalls.....	°	°	°	Ins.	Ins.
Murray.....	76	25	48.6	2.08	T.	Wheaton ^b	84	24	51.1	0.93	5.0	Cedar Rapids.....	81	24	51.4	2.50	3.62
Oakley.....	85	26	48.8	2.60	2.0	Winchester.....	84	31	51.1	1.31	0.5	Centerville.....	81	25	54.3	1.39	1.0
Ola.....	80	23	50.6	2.50		Winnebago.....	83	23	50.0	2.98	4.0	Chariton.....	79	24	53.7	2.95	T.
Paris.....	74	21	42.7	2.98		Yorkville.....	83	23	49.2	0.79	1.5	Charles City.....	83	25	50.2	2.78	2.0
Payette.....	80	28	55.0	1.40		Zion	83	26	51.0	1.82	.....	Chillicothe.....				2.10	
Pollack.....	79	31	51.4	1.83		<i>Indiana</i> .						Clarinda.....	84	26	55.2	2.48	T.
Priest River.....	81	28	49.2	1.27	0.7	Angola	79	23	48.8	2.21	7.0	Clearlake.....	80	25	50.6	2.25	
St. Maries ^d	79	30	49.6	1.44	0.5	Auburn.....	83	23	49.4	1.98		Clinton.....	86	24	50.8	2.24	2.0
Salubria.....	71	27	50.1	2.68	4.2	Bloomington.....	83	23	52.8	1.14		College Springs.....	82	24	54.4	3.75	
Soldier.....	73	23	44.1	1.75	1.8	Bluffton.....	82	20	50.5	2.92		Coon Rapids.....	77	23	52.0	3.43	T.
Swan Valley.....	73	23	44.6	1.36	8.1	Boonville.....	86	23	53.4	1.20		Corning.....	81	22	53.1	1.79	T.
Weston.....	76	27	47.2	3.42	T.	Butterville.....	81	25	53.8	2.25		Council Bluffs.....	81	26	54.5	3.03	
<i>Illinois</i> .						Cambridge City.....	80	22	50.0	1.67		Cresco.....	80	25	49.7	2.14	2.5
Albion.....	83	26	56.4	1.55	T.	Columbus.....	82	24	51.4	1.79		Cumberland.....				1.91	T.
Alexander.....	84	26	54.6	1.13	1.0	Connersville.....	81	24	51.4	2.40		Danville.....				3.01	0.1
Ashton.....	82	25	50.0	1.45	4.5	Crawfordsville.....	86	28	54.8	1.12	4.2	Decorah.....	82	23	50.2	2.32	3.0
Astoria.....	83	26	53.3	1.09	0.8	Delphi.....	84	22	51.3	1.59		Delaware.....	80	24	49.9	4.42	2.0
Aurora ^a	84	26	50.4	0.78	1.8	Edwardsville.....						Denison.....	79	23	54.0	2.83	T.
Beardstown.....						Fairmount.....	82	21	50.8	2.88		Desoto.....	84	25	54.0	2.88	0.3
Bloomington.....	87	25	54.0	1.85	1.5	Farmland.....	80	24	49.2	2.58	1.0	Dows.....	82	26	51.4	1.56	0.2
Bushnell.....	88	26	54.8	1.94		Fort Wayne.....	82	23	51.4	2.26	3.0	Eldon.....	86	25	54.8	2.61	1.8
Cambridge.....	81	27	51.8	1.74	3.0	Gambier.....						Elkader.....	83	23	50.5	3.28	3.0
Carlinville.....	85	27	55.6	1.36	1.5	Hector.....	80	22	50.2	1.55		Emerson.....				2.23	
Centralia.....	87	28	57.0	1.33	T.	Huntington.....	82	25	50.8	1.88	5.5	Emmettsburg.....				1.53	
Charleston.....	84	26	54.4	1.79	2.0	Jeffersonville.....	81	30	55.8	2.09		Estherville.....	80	24	50.2	2.16	4.0
Chemung.....	81	24	48.2	1.36	6.5	Knightstown.....	84	24	51.4	2.41		Fairfield.....	82	27	54.0	3.79	2.0
Chester.....						Kokomo.....	84	26	53.2	1.34	1.0	Fayette.....	79	22	49.6	2.63	2.0
Ciene.....	84	22	55.3	1.17	T.	Lafayette.....	82	23	51.8	1.03		Fonda.....	81	24	52.0	4.73	1.1
Coatsburg.....	84	23	55.0	1.26	1.0	Logansport.....	82	27	52.0	1.42		Forest City.....	82	26	50.8	1.55	0.5
Cobden.....	82	23	57.4	2.70		Madison ^a	85	35	55.8	2.54		Fort Dodge.....	81	22	51.8	4.04	T.
Danville.....	84	23	52.2	1.02	T.	Madison ^b						Fort Madison.....				2.13	1.0
Decatur.....	86	23	54.1	1.46	2.0	Marengo.....	83	25	54.3	2.03		Galva.....	83	23	52.7	2.20	
Dixon.....	85	27	50.8	1.32	3.0	Marion.....	81	23	51.5	1.97		Hamburg.....				4.58	
Dwight.....	84	24	50.8	1.09	2.0	Markie.....	80	21	49.8	1.30		Hampton.....	89	26	52.3	2.21	1.0
Effingham.....	82	27	55.6	0.89	1.0	Mauzy.....	82	21	51.0	2.19		Harlan.....	81	23	52.4	4.67	T.
Elgin.....	81	26	49.4	1.34	3.2	Mount Vernon.....	86	31	56.7	1.47		Hawkeye.....				4.11	4.5
Equality.....	83	31	57.1	1.87	T.	Northfield.....	80	22	50.1	1.37		Hedrick.....	85	26	54.2	3.20	
Flora.....	83	27	55.8	1.96	T.	Paoli.....						Hopeville.....	80	23	54.0	2.50	
Friendsgrove ^a	84	32	58.6	1.02		Prairie Creek.....	88	23	54.4	0.66		Hoprig.....				1.24	1.0
Galva.....	82	25	51.8	1.35	2.0	Richmond.....	79	21	49.2	1.59		Humboldt.....	81	25	52.6	2.75	
Grafton.....						Rockport.....	82	25	58.4	1.91		Independence.....	78	24	50.1	3.37	4.0
Gravette.....	85	30	58.3	1.40	T.	Rockville.....	83	23	52.3	1.02		Indianola.....	81	27	55.0	1.98	0.1
Greenville.....	88	29	56.8	2.27		Salem.....	80	23	52.3	1.78		Iowa City.....	83	27	53.2	3.31	1.5
Griggsville.....	85	30	56.2	1.81	8.2	Scottsburg.....	84	23	54.6	2.06		Keosauqua.....	84	26	54.9	2.74	4.0
Halfway.....	80	30	57.0	1.91		Seymour.....	80	30	54.3	2.20		Knoxville.....	83	27	55.0	1.43	T.
Halliday.....	82	21	53.6	2.54		Shelbyville.....	82	29	52.7	1.75		Lacona.....				2.38	
Havana.....	88	15	47.8	1.01	0.5	South Bend.....	79	23	50.6	1.17	5.0	Lansing.....	83	25	51.8	2.84	3.4
Henry.....	88	24	52.3	1.68	2.5	Syracuse.....	82	24	50.9	1.83		Larchwood.....	78	24	51.6	2.80	
Hillsboro.....	80	27	54.9	1.31	0.8	Terre Haute.....	82	29	54.3	0.88		Larrabee.....	83	21	49.6	2.67	1.2
Joliet.....	80	25	49.1	0.79	2.0	Topeka.....	77	22	48.6	1.66		Leciasire.....				3.24	1.0
Kishwaukee.....	82	25	50.0	2.90	6.0	Valparaiso.....	86	24	51.7	1.00		Lemars.....	76	23	51.3	4.61	T.
Knoxville.....	82	25	51.1	1.22	1.2	Veederburg.....	82	24	53.8	0.69		Lenox.....	80	24	53.8	2.14	T.
Lagrange.....	82	27	49.8	0.95	2.0	Weyau.....	81	27	54.9	2.15		Logan.....	78	23	51.2	3.50	
Laharpe.....	83	27	54.2	1.52	2.0	Vincennes.....	83	29	56.2	1.37		Maple Valley.....				1.80	1.0
Lakevilla.....	77	24	46.5	1.57	7.5	Washington.....	81	28	56.2	1.18		Maquoketa.....	80	20	51.4	1.90	3.5
Lanark.....	82	21	49.2	2.36	5.1	Winamac.....	81	21	52.1	1.40		Marshalltown.....	82	27	53.6	2.83	
Loam.....						Worthington.....	86	25	54.0	0.80		Mason City.....	82	23	49.6		
McLeansboro.....	84	30	56.4	2.08	T.	<i>Indian Territory</i> .						Melrose.....				1.75	
Martinsville.....	82	29	54.7	0.75	1.0	Hartshorne.....	89	33	65.1	1.72		Monticello.....	82	19	53.0	3.23	2.5
Martinton.....	83	26	50.6	1.31		Healdton.....	86	31	62.0	9.55		Moar.....	82	23	50.3	1.72	T.
Mascoutah.....						Lehigh.....	88	30	64.2	3.63		Mount Pleasant.....	85	19	51.8	1.20	0.2
Mattoon.....	80	28	56.7	1.04	0.8	Muscookee.....	85	31	62.2	3.52		Mount Vernon ^a *.....	83	28	52.8	3.25	
Minonk.....	83	26	51.0	1.16	8.0	Pauls Valley.....	84	32	62.7	6.03		Mount Vernon ^b *.....	85	24	52.9	2.90	2.8
Monmouth.....	85	26	52.2	1.01	1.5	Ryan.....	86	34	68.9	4.71		Murray.....				1.82	
Monticello.....	84	24	52.6	0.38	2.0	South McAlester.....						New Hampton.....	79	24	50.7	2.35	2.0
Morrisonville.....	84	27	53.8	1.16	1.0	Tahlequah.....	84	29	62.0	4.55		Newton.....	81	23	52.8	2.79	1.5
Mount Carmel.....						Tulsa.....						Northwood.....	85	25	52.9	2.15	
Mount Pulaski.....	86	26	54.7	1.19	2.0	Wagoner.....	89	30	62.8	3.61		Odebolt.....	82	24	53.4	2.35	0.2
Mount Vernon.....	80	26	53.4	1.48		Webbers Falls.....	88	32	63.8	2.84		Ogden.....	80	26	53.4	3.49	0.5
New Burnside.....	84	29	57.8	2.08	T.	<i>Iowa</i> .						Olin.....	82	26	50.6	3.27	2.0
Olney.....	83	29	55.4	1.21	0.4	Afton.....	88	23	54.2	3.39		Onawa.....	84	20	54.0	3.22	
Ottawa.....	86	26	52.6	1.53	2.0	Albia.....	82	21	52.8	3.04		Osage.....	80	23	49.5	1.71	1.5
Palestine.....	85	26	55.9	1.47	T.	Algona*.....	78	28	51.8	2.12		Osceola.....	80	23	58.8		

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Iowa—Cont'd.	°	°	°	In.	In.	Kansas—Cont'd.	°	°	°	In.	In.	Maine—Cont'd.	°	°	°	In.	In.
Scranton	78	26	52.5	4.58	1.1	Yates Center	83	24	57.6	4.37	T.	Cornish*1	76	24	48.2	2.17	T.
Sheldon	76	24	50.4	3.05	1.5	Kentucky.	90	32	57.9	2.81	T.	Fairfield	78	32	43.3	1.63	
Sibley	80	29	50.6	2.19	1.5	Alpha*2	86	26	55.7	3.34	T.	Farmington	79	15	42.0	1.74	1.0
Sigourney	88	25	54.4	3.88	1.0	Bardstown	85	31	58.1	2.94	T.	Flagstaff	74	12	35.1	0.35	
Sioux Center	75	25	51.0	3.95	1.0	Blandville	83	30	58.2	2.60	T.	Gardiner	78	23	44.5	2.50	
Spencer	78	20	49.4	1.81	1.0	Bowling Green	83	30	58.2	2.60	T.	Kineo	70	20	37.2		
Spirit Lake	84	23	51.6	2.79	1.0	Burnside .....	.....	.....	.....	1.37	T.	Lewiston	80	23	48.9	1.92	
Storm Lake	78	24	51.5	2.33	0.7	Caddo	84	23	51.6	1.10	T.	Mayfield	77	18	40.8	1.57	5.0
Stuart	84	25	50.4	2.73	T.	Canton*1	84	30	60.5	2.08	T.	North Bridgton	83	16	43.4	0.96	T.
Thurman	73	26	53.6	6.62	.....	Carrollton	82	30	56.2	1.74	T.	Orono	78	21	44.1	2.01	
Toledo	83	26	52.7	2.96	.....	Catlettsburg	81	22	55.0	1.04	T.	Pettit Manan*1	55	29	41.8		
Villisca	87	24	54.9	2.72	.....	Harlington	86	26	57.5	1.52	T.	Rumford Falls	68	23	41.4	1.21	T.
Clinton*1	78	29	51.8	.....	Edmonton	87	26	57.0	2.71	T.	Winslow	80	15	43.9	1.95		
Wapello	84	29	53.6	2.20	1.2	Eubank	85	22	55.2	2.10	T.	Maryland.	.....	.....	.....	.....
Washington	86	24	52.4	2.50	3.0	Falmouth .....	.....	.....	.....	1.54	T.	Annapolis	83	33	55.4	3.40	
Washta .....	.....	.....	.....	2.52	.....	Frankfort	79	29	55.6	1.68	T.	Bachmans Valley	80	23	50.2	1.79	2.0
Waterloo	80	25	51.5	2.79	.....	Georgetown	78	27	55.0	.....	T.	Boettcherville	94	25	53.4	0.99	
Waverly	81	27	51.6	2.40	.....	Greensburg	88	24	55.7	2.68	T.	Boonsboro*4	85	24	55.1	1.45	1.5
Westbend*1	81	27	50.2	1.67	1.0	Henderson	83	31	50.7	1.58	T.	Cambridge	75	32	54.2	2.60	T.
Westbranch	84	22	52.4	3.59	3.0	Hopkinsville	83	26	56.6	2.76	T.	Charlotte Hall	84	27	58.8	3.55	
Whitten	78	25	50.6	3.85	T.	Irvington	83	29	55.4	2.70	T.	Chase	77	23	51.8	2.39	T.
Wilton Junction	83	26	51.8	2.23	5.0	Jackson	82	24	56.0	1.14	T.	Chewsville	80	23	50.8	1.38	
Winterset	83	24	54.4	2.32	.....	Jackstown .....	.....	.....	.....	1.18	T.	Coleman	88	27	52.8	2.58	
Woodburn .....	.....	.....	.....	2.39	0.1	Leitchfield	84	26	55.8	3.33	T.	Collegepark	72	27	47.8	1.82	T.
Kansas.	.....	.....	.....	.....	.....	Loretto	84	22	55.0	2.64	T.	Cumberland	74	31	53.0	0.64	
Abilene	85	27	57.4	2.98	T.	Marrowsbone	82	23	55.4	2.66	T.	Darlington	77	26	52.4	2.23	
Achilles	80	16	51.4	3.61	2.5	Maysville	88	24	54.5	1.60	T.	Deer Park*	77	19	46.2	1.41	3.0
Altoona .....	.....	.....	.....	2.34	.....	Mount Hermon	84	15	53.4	.....	T.	Easton	78	26	52.2	2.69	
Anthony .....	.....	.....	3.35	.....	Mount Sterling	81	28	56.6	3.93	T.	Ellicott City	80	24	51.2	1.74		
Atchison a	82	30	56.8	3.73	1.0	Owensboro	86	30	57.2	2.15	T.	Fallston	76	23	51.8	2.25	T.
Baker	81	28	55.6	5.06	T.	Paducah a	87	33	60.6	2.87	T.	Frederick	88	29	53.7	1.62	1.0
Burlington	84	27	58.0	6.53	.....	Paducah b	85	21	54.6	1.31	T.	Frontburg	77	23	50.7	2.11	0.5
Campbell	82	25	56.8	4.06	T.	Pikeville	83	32	58.2	2.83	T.	Grantsville	76	19	45.4	1.05	2.0
Coburn*1	82	29	54.9	5.10	.....	Princeton	83	27	54.4	2.63	T.	Greatfalls	78	26	52.0	2.07	
Colby	80	14	49.1	4.95	3.0	Richmond	83	27	54.4	2.63	T.	Greenspring Furnace	86	24	52.6	1.76	T.
Columbus	87	25	59.2	4.24	.....	St. John	84	26	55.2	2.56	T.	Hagerstown	85	26	53.6	1.46	T.
Coolidge	84	18	51.3	6.80	7.0	Scott	81	24	53.4	1.50	T.	Hancock	86	24	52.6	1.09	T.
Cunningham	83	27	56.6	3.03	1.0	Shelbyville	84	24	54.7	2.16	T.	Harney	80	30	54.2	1.05	T.
Delphos	83	24	56.5	3.35	2.0	Vanceburg	80	24	52.9	1.25	T.	Jewell	80	30	54.2	2.74	T.
Dresden	77	18	50.8	4.16	2.0	Williamsburg	87	27	58.3	2.62	T.	Johns Hopkins Hospital	83	28	58.0	2.92	
Ellinwood	81	20	54.6	3.11	3.0	Louisiana.	.....	.....	.....	.....	T.	Laurel	83	24	52.8	2.01	
Englewood	87	25	53.4	6.52	0.5	Abbeville	86	42	69.2	8.05	T.	McDonogh	79	28	53.1	1.61	
Eureka .....	.....	.....	3.63	.....	Alexandria	92	35	68.3	9.37	T.	Mount St. Marys Coll	82	23	51.7	1.20	2.0	
Eureka Ranch	85	13	53.6	4.29	9.5	Amitie	89	35	67.6	17.42	T.	Newmarket	88	25	53.2	1.90	
Fallriver	85	20	60.2	3.99	.....	Bastrop	89	34	66.2	10.55	T.	Pocomoke	79	33	54.4	1.89	
Fort Scott	88	31	68.0	3.55	T.	Baton Rouge	88	38	68.2	10.85	T.	Prince Fredericktown	82	29	54.2	8.65	
Frankfort	88	24	55.4	4.57	0.2	Burnside	86	35	67.2	8.00	T.	Princess Anne	76	29	52.9	1.98	
Garden City	87	16	54.2	5.20	10.0	Calhoun	86	33	64.8	11.89	T.	Queenstown	75	28	52.8	2.40	T.
Garfield .....	.....	.....	4.52	4.5	.....	Cheneyville	89	35	66.8	14.36	T.	Rockhall a	76	28	53.1	2.02	T.
Gove *1	85	30	50.1	4.53	10.0	Clinton	87	40	68.2	15.97	T.	Rockhall b	76	28	52.9	2.10	T.
Grenola	85	27	58.4	4.14	.....	Como	90	38	66.0	12.03	T.	Sandy Point	73	29	53.1		
Hays	83	17	52.4	6.35	7.0	Donaldsonville	85	38	66.2	7.77	T.	Sharpsburg	84	27	53.2	1.39	T.
Horton	81	28	56.4	5.09	1.0	Farmerville	84	33	67.3	12.44	T.	Smithsburg a	81	24	51.0	1.39	
Hoxie	85	26	55.8	2.18	1.0	Franklin	86	40	68.4	11.06	T.	Smithsburg b	82	24	52.4	1.31	
Hutchinson	85	26	55.8	2.18	.....	Grand Coteau	88	40	68.8	7.23	T.	Solomons	76	32	53.8	3.35	T.
Independence	86	29	60.4	2.61	.....	Hammond	89	35	68.6	10.55	T.	Sudlersville	78	28	53.9	2.13	T.
Lakin	83	19	52.0	4.47	12.0	Houma	87	41	69.5	10.25	T.	Sunnyside	75	16	44.4	1.75	5.2
Lawrence	82	29	57.6	8.87	T.	Jeanerette	90	36	68.6	8.25	T.	Takoma Park	83	26	54.6	2.21	
Lebanon	81	16	54.4	5.50	.....	Jennings	88	41	67.8	6.55	T.	Taneytown	75	24	51.4	1.20	0.2
Lebo	83	29	57.6	6.81	1.0	Lafayette	88	37	68.0	7.53	T.	Van Bibber	75	26	52.6	2.55	T.
Little River	86	24	54.7	2.20	2.0	Lake Charles	86	39	67.9	6.13	T.	Westernport	79	25	48.5	1.47	
Macksville	81	23	54.8	3.66	6.0	Lake Providence	92	38	67.4	10.73	T.	Westminster	80	24	52.2	2.06	T.
McPherson	85	25	57.8	3.62	.....	L'Argent	88	36	64.9	10.45	T.	Woodstock	82	27	53.2	1.57	T.
Madison	84	28	57.9	3.60	.....	Lawrence	85	43	67.4	5.25	T.	Massachusetts.	.....	.....	.....	.....
Manhattan b	84	28	58.4	3.13	.....	Libertyhill	96	32	66.4	8.64	T.	Amherst	75 ¹	20	44.4*	1.80	
Manhattan c	85	28	58.0	3.07	0.5	Mansfield	88	30	68.8	4.80	T.	Attleboro	81	23	46.1	1.86	
Marion	82	28	57.8	3.20	4.5	Melville	90	41	67.6	10.98	T.	Bedford	77	22	44.6	1.98	
Meade	21	.....	4.53	.....	Minden	90	32	68.8	2.80	T.	Cambridge	81	24	48.2	1.90		
Medicine Lodge	88	29	58.3	4.03	T.	Monroe	91	40	64.5	9.04	T.	Chestnuthill	81	24	47.0	2.24	
Minneapolis	80	28	55.6	3.52	4.0	Montgomery	89	36	66.9	9.16	T.	Cohasset	80	28	45.2	1.92	
Moran	81	29	57.7	8.72	T.	New Iberia	86	41	67.0	8.70	T.	Concord	80	28	47.7	1.63	
Mounthope*1	81	31	57.5	8.14	.....	Oakridge	94	33	68.8	11.66	T.	Dudley*1 ..					

TABLE II.—Climatological record of voluntary and other cooperating observers.—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Massachusetts—Cont'd.	○	○	○	In.	In.	Michigan—Cont'd.	○	○	○	In.	In.	Mississippi—Cont'd.	○	○	○	In.	In.
Salem.....	75	24	48.4	2.07	3.02	St. Joseph.....	76	20	48.4	1.45	3.5	Crystalsprings	89	33	65.8	12.86	
Somerset* ¹	75	23	48.4	1.79	3.02	Sidnaw.....	85	20	45.6	2.22	1.5	Edwards	88	36	66.9	12.66	
South Clinton.....	80	26	47.6	1.25	2.93	Somerset.....	78	23	47.4	2.16	2.0	Fayette.....	86	33	65.0	16.98	
Springfield Armory.....	80	26	47.6	2.23		South Haven.....	73	31	49.5	1.76	2.0	Greenville ^a	85	38	64.8	6.99	
Sterling.....	73	23	45.0	2.16		Stanton.....	82	21	51.5	1.20	2.0	Hattiesburg	88	38	66.4	14.85	
Taunton ^c	73	23	45.0	2.55		Thomaston.....	93	6	44.1	.....		Hernando	84	34	62.2	7.55	
Webster.....	83	24	49.1	2.08		Thornville.....	79	25	48.2	1.35	2.5	Holly Springs	81	35	60.6	8.44	
Westboro.....	78	25	46.2	2.23		Traverse City.....	80	23	44.0	1.22	2.0	Kosciusko.....	87	31	64.5	10.50	
Weston.....	74	26	44.6	1.17		Vandalia.....	80	23	49.0	1.86	4.8	Lake.....	85	28	61.8	10.15	
Winchendon.....	78	24	46.6	2.05		Vassar.....	79	24	46.0	1.92	0.4	Leaksville.....	93	35	60.9	8.09	
Worcester ^b	78	24	46.6	2.56	T.	Vermilion Point.....	75	18	40.2	.....		Logtown	86	35	67.2	17.26	
Michigan.						Waskepi.....	80	23	47.8	1.50	3.0	Louisville	86	27	61.3	13.40	
Adrian.....	80	23	48.0	1.85	0.8	West Branch.....	79	16	45.4	1.30	3.5	Macon	87	30	64.6	10.48	
Agricultural College.....	78	23	47.4	2.00	1.0	Wetmore.....	79	6	41.0	0.72	1.0	Magnolia	89	34	67.8	18.20	
Allegan.....	24	.....	0.37	2.2		Whitecloud.....	80	23	47.7	2.30	3.0	Natchez	90	36	68.0	19.15	
Alma.....	81	22	48.0	1.96	2.0	Whitefish Point.....	71	14	40.4	2.44		Okolona	89	30	62.3	5.51	
Ann Arbor.....	81	22	48.4	1.43	2.2	Williamston.....	79	23	49.0	1.94	8.0	Palo Alto	84	33	64.3	9.70	
Arbela.....	78	22	46.4	2.32	1.0	Ypsilanti.....	79	23	47.4	2.15	1.0	Pontotoc	86	32	63.3	12.86	
Badaxe.....	78	22	45.6	1.92		Minnesota.						Port Gibson	90	27	61.6	8.47	
Ball Mountain.....	80	22	46.8	0.76	0.5	Ada	85	19	49.8	1.09		Ripley	84	33	66.9		
Battle Creek.....	80	22	48.5	1.96	3.0	Albert Lea	76	24	48.7	1.70		Stonington* ¹	84	23	67.8		
Bay City.....	80	22	45.8	2.07	3.0	Alexandria	76	21	48.6	0.28		Tupelo	86	43	67.8	8.26	
Berlin.....	79	19	45.7	0.99	0.6	Ashby.....	81	20	50.6	1.15	0.2	Walnutgrove	86	43	67.8	13.10	
Berrien Springs.....	79	23	48.8	2.00	5.0	Beardsley.....	80	23	48.5	0.30	T.	Waynesboro	86	31	64.8	9.88	
Big Point Sable* ¹⁰	70	26	43.8	.....		Bemidji.....	80	17	48.4	1.13		Windham	92	30	67.2	17.66	
Big Rapids.....	79	20	46.8	2.62	5.0	Bird Island.....	79	23	50.5	1.73	T.	Woodville	88	37	67.2	15.29	
Boon.....	76	21	43.4	1.81	4.2	Blooming Prairie.....	85	23	49.6	1.51	0.5	Yazoo City	91	35	65.6	9.85	
Calumet.....	75	21	45.4	2.65	T.	Brainerd.....	80	19	48.8	0.77		Missouri.					
Charlevoix.....	75	18	42.8	2.26	1.0	Caledonia	80	24	49.4	2.86	3.0	Appleton City	89	30	59.1	3.81	T.
Cheboygan.....	76	19	43.0	3.15	T.	Camden	82	19	50.8	1.50	T.	Arlington	84	27	56.4	3.80	T.
Clinton.....	82	23	48.9	1.62	4.6	Campbell.....	80	18	46.4	1.12		Arthur* ³	82	27	56.4	2.78	1.0
Coldwater.....	80	24	48.6	1.67	4.0	Colegerville	78	25	51.1	1.00	0.8	Avalon	82	26	55.6	4.21	
Dundee.....	74	20	41.8	2.30		Crookston.....	83	23	51.5	1.59		Birchtree	85	26	58.0	4.30	
Eagle Harbor.....	74	20	42.2	1.80		Deephaven	80	19	48.5	1.30		Boonville	81	25	55.5	6.04	4.0
East Tawas.....	79	15	42.2	2.10	2.0	Detroit City	80	19	47.6	1.29	T.	Brunswick	81	25	55.5	3.38	1.5
Eloise.....	24	29	49.0	2.81	T.	Faribault.....	82	21	51.4	0.52	0.7	Carrollton	83	29	56.3	2.45	T.
Fairview.....	79	21	48.6	0.98	2.5	Farmington.....	84	19	48.3	2.64	3.0	Conception	80	28	55.4	2.98	
Fitchburg.....	79	21	47.0	0.91	2.5	Fergus Falls.....	77	23	50.0	1.43	0.7	Cook Station	85	22	56.2	3.95	
Flint.....	78	23	48.6	1.53		Glencoe.....	79	21	49.8	1.75		Cowgill* ⁵	84	30	57.1	3.15	
Frankfort.....	68	24	45.2	1.70	2.0	Grand Meadow	82	24	50.6	2.19		Darksville	81	25	53.3	3.30	2.0
Gaylord.....	79	17	44.4	0.70	0.5	Granite Falls.....	80	24	49.8	2.15		Downing	82	20	53.0	2.80	2.0
Gladwin.....	80	19	47.6	0.65	3.0	Hallow.....	90	18	50.2	0.82		East Lynne* ⁸	81	54.4	4.25	T.	
Grand Rapids.....	80	21	49.8	1.81	3.5	Koochiching	84	12	45.0	0.65		Edgehill* ⁶	80	28	54.3	3.43	
Grape.....	83	24	48.4	2.06	0.8	Lake City.....	82	18	50.0	2.15	1.0	Edwards	88	29	57.6	2.85	T.
Grayling.....	82	19	45.7	1.15	3.0	Lakeside	78	25	50.6	1.31	T.	Eldon	82	29	56.1	3.81	2.0
Hanover.....	80	22	47.7	2.07	2.0	Lake Winnibigoshish	80	20	47.6	0.45		Elmira	86	29	56.0	4.71	1.2
Harbor Beach.....	77	20	43.0	1.65	0.3	Leech ¹	81	20	46.8	0.40		Fairport	85	30	56.6	2.68	
Harrisville.....	75	20	42.2	1.86		Long Prairie	79	19	48.8	1.09		Fayette	85	30	56.6	3.18	1.5
Hart.....	77	25	47.8	1.67	2.0	Luverne	82	20	50.0	3.25	0.2	Fulton	83	25	55.8	5.13	3.0
Hastings.....	81	20	47.7	1.41	4.0	Lynd.....	80	21	49.1	1.33		Galena	84	30	56.8	3.44	1.2
Hayes.....	80	20	44.4	1.11	2.0	Mapleplain	83	22	51.4	1.82	1.1	Galatin* ¹	84	30	56.8	3.44	
Highland Station.....				2.00	2.0	Milaca	83	19	49.6	0.50		Gayoso	88	30	61.2	3.82	
Hillsdale.....	79	22	47.6	2.22	2.0	Minneapolis ^a	82	25	51.8	1.42	0.2	Glasgow	84	28	56.8	2.68	
Howell.....	74	18	47.2	1.30	1.0	Minneapolis ^b	82*	21	50.7	2.06	1.2	Gorin	81	30	58.0	3.80	2.0
Humboldt.....	78	8	41.8	1.85	T.	Minnesota City	82	21	50.7	1.98	1.5	Halfway	83	25	58.6	5.50	T.
Ionia.....	80	24	47.9	1.15	1.0	Montevideo	83	22	50.2	1.86	T.	Harrisonville	85	29	56.4	3.66	0.2
Iron Mountain.....	92	20	47.4	3.18	2.2	Morris	79	24	50.6	0.70		Hazlehurst	82	29	56.2	2.29	1.0
Iron River.....	79	10	42.6	3.20	6.0	Mount Iron	86	16	45.4	0.55		Hermann	86	26	56.7	3.84	0.1
Ishpeming.....	78	18	43.2	3.15	6.0	Newfolden	82	20	48.0	1.61		Houston	86	26	56.7	2.96	4.0
Ivan.....	78	17	44.8	0.66	11.0	New London	78	23	49.0	0.64		Houstonia (near)	86	26	56.7	2.16	T.
Jackson.....	83	23	49.5	1.44	2.5	New Richland* ¹	82	27	50.4	.....		Ironton	84	24	54.4	3.47	T.
Jeddo.....	80	23	44.4	1.74	0.5	New Ulm	83	26	51.8	2.45	1.0	Jefferson City	80	28	55.0	3.15	
Kalamazoo.....	78	21	49.6	2.03	4.0	Park Rapids	78	19	47.2	1.10	0.6	Kidder	81	28	55.5	3.52	3.3
Lake City.....	75	15	45.5	1.95	3.0	Pine River	78	17	49.0	0.45		Lamar	67	30	60.4	4.48	T.
Lansing.....	78	24	47.9	2.30	0.8	Pipestone	74	23	48.9	2.76	0.5	Lamotte	84	29	58.8	3.18	3.0
Lapeer.....	81	23	48.2	0.88		Pleasant Mounds	81	26	51.4	2.20	2.0	Lebanon	84	29	58.8	3.55	
Lathrop.....	82	15	43.2	2.31	1.0	Pokegama Falls	82	14	47.4	0.44		Lexington	86	29	54.4	2.76	
Lincoln.....	80	20	43.6	0.30		Redwing						Liberty	80	29	56.2	2.99	
Ludington.....	73	24	44.4	.....		Reeds						Louisiana	87	26	56.0	1.64	0.9
Mackinaw.....	72	17	40.8	3.15	1.0	Rolling Green	78	25	50.3	1.56	1.0	McCune* ¹	85	31	55.7	2.46	
Madison.....	83	23	48.7	1.87	2.5	St. Charles	79	23	50.1	2.51	4.0	Macomb	65	25	56.4	3.40	3.0
Mancelona.....	78	15	45.0	0.90	1.0	St. Cloud											

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Missouri—Cont'd.</i>						<i>Nebraska—Cont'd.</i>						<i>Nebraska—Cont'd.</i>					
Pickering* ³	78	26	49.2	In.	In.	Dawson.....	81	27	57.2	In.	In.	Wallace.....	o	o	o	In.	In.
Poplarbluff.....	87	23	61.1	4.85		Edgar ^a			7.37	7.37		Wadnets.....				2.47	2.47
Potosi.....	84	21	53.5	3.99	T.	Ericson.....			5.04	5.04		Wading Water* ¹	79	23	50.9	4.20	1.0
Princeton.....	82	24	54.8	2.73		Ewing.....			3.89	3.89		Westpoint.....	77	19	54.0	3.43	T.
Richmond.....	81	31	57.1	3.37	0.5	Fairbury.....	84	24	54.8	4.63	0.2	Whitman.....				2.00	
Rockport.....				5.90		Fairfield.....	83	24	55.7	9.44		Wilber* ¹	80	30	53.3	5.34	
Rolla.....				5.25		Fairmont.....	80	23	52.6	9.07		Willard.....				3.35	
St. Charles.....	85	28	55.4	2.60	T.	Fort Robinson.....	78	20	47.8	4.10	7.0	Wilsonville* ¹	74	22	51.4	5.95	2.0
St. Joseph.....				2.74	0.5	Franklin.....	87	23	55.0	5.57		Winnebago.....				3.40	1.00
Sarcozie* ⁸	30	55.2	3.18	0.3	Gordon.....			6.30	6.30		Wisner.....				4.88		
Sedalia.....	84	28	55.4	2.60	2.0	Genoa.....	77	24	53.4	5.87		Wymore* ¹	79	26	49.8	5.12	
Seymour.....	83	23	56.5	3.44	T.	Gering.....	80	23	46.8	4.16	1.0	York.....				7.49	
Shelbina.....				3.30	2.0						<i>Nevada.</i>						
Sikeston.....	83	29	57.6	3.20							Austin.....	68	11	39.8	2.09		
Steffenville.....	85	27	56.6	1.97	3.0						Belmont.....				1.49	7.5	
Sublett.....	82	23	53.9	4.30	1.0						Beowawe* ¹	73	20	42.4			
Trenton.....	78	29	54.8	2.41	1.5						Candelaria.....	78	18	42.9	0.60	4.7	
Unionville.....	86	24	55.7	3.32							Carlin* ¹	75	25	42.9	1.50	8.0	
Vichy.....	82	28	57.4	4.17	T.						Carson City.....				2.79	13.3	
Warrensburg.....	85	29	57.0	3.50	2.0						Clover Valley.....				2.05		
Warrenton.....	85	28	54.8	3.17	1.3						Cranes Ranch.....				2.09		
Wheatland.....				6.78	0.5						Duck Valley.....	71	18	41.0	2.30	13.5	
Willowsprings.....	84	22	57.6	3.69							Elko (near).....	68	24	42.8	3.94		
Windsor.....	83	29	57.1	3.15	1.0						Ely.....	74	13	40.7	5.52	45.0	
Wylie.....	89	26	61.5	3.85							Empire Ranch.....	74	20	42.7	2.58	13.2	
Zeitonia.....	85	26	56.9	5.09							Fenelon.....				1.95	15.5	
<i>Montana.</i>											Golconda* ¹	72	30	49.3	0.15		
Adel.....	70	20	41.7	2.52	4.0						Halleck* ¹	77	26	41.7	1.15	4.0	
Billings.....	77	29	48.3								Hawthorne.....	76	25	46.7	1.05		
Boulder.....	75	19	44.2	1.59	T.						Hot Springs* ¹	70	32	52.6			
Bozeman.....	70	26	43.4	3.24							Humboldt* ¹	72	30	49.9	0.25		
Butte.....	68	24	44.8	2.75							Lee.....				3.52	20.5	
Canyon Ferry.....	80	26	50.4	1.07							Lewers Ranch.....	71	17	42.4	4.16	20.9	
Chinook.....	78	21	49.2	1.05							Los Vegas.....	80	38	54.8	1.42		
Columbia Falls.....	75	25	48.8	1.44							Lovelock* ¹	81	31	49.1	0.50		
Corvallis.....	74	27	46.5	1.45	1.5						Martine.....	75	18	45.6	2.43	T.	
Crow Agency.....	79	22	50.2	3.99	5.0						Mill City* ¹	72	28	46.4			
Dearborn Canyon.....	71	25	45.5	3.37							Monitor Mill.....	69	14	38.6	3.59	36.0	
Dell.....	69	21	41.6	2.58	24.0						Palisade* ¹	75	23	49.0	1.25		
Dillon.....	71	25	45.9	2.27	11.2						Palmetto.....	75	10	39.6	4.80	31.5	
Ekalaka.....	86	16	48.3	0.96	1.0						Reno State University.....	77	22	45.2	1.75	1.0	
Fort Logan.....	80	18	42.8	1.33							Sodaville.....	82	18	47.2	1.62		
Glasgow.....	81	18	51.2	1.16							Tecoma.....				3.00	T.	
Glenive.....	88	23	54.2	0.59	2.0						Toano* ¹	72	28	44.2	1.25	12.5	
Glenwood.....	74	24	44.4	1.10							Tuscarora.....	70	18	39.6	1.23	6.2	
Greatfalls.....	76	29	49.0	1.39	0.1						Tybo.....	71	19	43.1	2.65		
Kipp.....	73	17	44.0	1.52	7.4						Verdi* ¹	70	25	41.9	0.20	T.	
Lewiston.....	76	18	46.3								Wadsworth* ¹	82	26	47.8	1.92	0.5	
Manhattan.....	75	20	47.2	1.11	0.5						Wells.....				1.17	T.	
Martinsdale.....	74	24	45.2	4.75							<i>New Hampshire.</i>						
Marysville.....	68	23	42.6	1.95	3.0						Alstead.....				1.48	T.	
Missoula.....	78	29	50.6	1.02							Berlin Mills.....	77	8	39.5	0.71		
Ovando.....	73	21	45.9	0.77							Bethlehem.....	74	14	41.3	1.45	1.0	
Parrot.....	74	26	46.4	3.68	1.5						Brookline* ¹	82	28	48.2	1.98		
Plains.....	73	24	49.6	1.25							Claremont.....	81	22	44.4	0.99	T.	
Poplar.....	80	19	51.0	1.27							Concord.....	80	20	48.8	0.90		
Redodge.....	68	18	42.0	7.90	31.0						Durham.....	81	22	43.9	2.09		
Ridge.....	85	17	48.2	2.64	2.0						Grafton.....	79	18	40.4	0.98		
Troy.....	85	27	50.8	0.90							Hanover.....	78	16	42.4	0.92		
Twin Bridges.....	72	26	45.3								Keene.....	81	18	43.4	1.86		
Utica.....	80	22	45.8	2.85							Littleton.....	79	19	41.8	1.14	T.	
Yale.....	74	21	44.4	2.99	2.0						Nashua.....	82	23	45.8	1.80		
<i>Nebraska.</i>											Newton.....	80	23	45.0	1.54		
Agate.....				4.33	5.0						North Conway.....	80	17	42.8	0.90		
Agee.....				5.90							Peterboro.....	78	18	42.8	1.83		
Albion.....	76 ^f	21	54.0 ^b	5.19							Plymouth.....	80	21	41.8	0.65	T.	
Alliance.....				3.08	1.0						Sanbornton.....	76	21	42.2			
Alma.....	84	25	54.0	3.84	0.5						Stratford.....	77	12	41.4	0.85	T.	
Ansley.....	78	20	50.2	4.55	T.						Warner.....				1.55	T.	
Arborville* ¹	80	24	52.0	6.14							<i>New Jersey.</i>						
Ashland a.....	80	24	54.6	3.37							Asbury Park.....	74	25	49.4	1.81		
Ashland b* ¹	80	27	52.9	4.06	T.						Bayonne.....	80	26	52.0	2.32		
Aston.....				4.84							Belvidere.....	81	22	51.5	2.12		
Auburn.....	80	26	55.4	7.29							Bergen Point.....	77	28	51.8	2.56		
Aurora* ¹	74	33	53.5	6.70							Beverly.....	82	24	53.2	2.14		
Bartley.....				3.79							Billingsport* ¹	79	30	51.8	2.05		
Beatrice.....	80	25	55.0	4.09	T.						Boonton.....	78	25	49.0	2.27		
Beaver.....	88	22	53.8	4.87	1.0						Bridgeton.....	80	26	53.4	2.38		
Bellevue.....				8.12							Camden.....	78	27	52.7	1.96		
Benedict.....				6.07							Cape May C. H.	75	24	51.2	1.86		
Benkleman.....				3.43							Charlotteburg.....	78	19	47.5	2.39		
Blair.....	79	23	52.8	5.35	T.						College Farm.....	77	25	50.8	2.38		
Bluehill.....				5.07							Deckertown.....	79	22	49.5	1.64		
Brokenbow* ¹	70	26	49.1	6.17							Dover.....	81	22	51.4	2.51	T.	
Burchard.....				4.73							Egg Harbor City.....	78	22	51.0	2.26		
Burwell.....				5.39							Elizabeth.....	80	22	51.4	2.75	T.	
Callaway.....	72	24	48.9	4.50							Englewood.....	76	26	47.4	2.64		
Camp Clarke.....	79	18	47.8	5.84	T.												

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Total depth of snow.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Total depth of snow.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.				Maximum.	Minimum.	Mean.				Maximum.	Minimum.	Mean.		
New Jersey—Cont'd.	0	0	0	In.	In.	New York—Cont'd.	0	0	0	In.	In.	North Carolina—Cont'd.	0	0	0	In.	In.
Lebanon.....	78	25	52.0	2.40	2.51	Franklinville.....	78	15	43.6	1.37	1.3	Greenville.....	85	30	50.4	5.02	Ins.
Moorestown.....	78	27	50.6	2.28	T.	Fulton.....	78	19	46.0	1.56	1.5	Henderson.....	84	28	56.8	3.38	T.
Mount Pleasant.....	78	27	52.4	2.59	T.	Glen Falls.....	77	20	44.0	1.63	T.	Hendersonville.....	82	26	54.4	8.06	
Newark.....	78	27	50.6	2.28	T.	Gloversville.....	79	21	45.0 ¹	1.20		Henrietta.....	86	26	60.0	6.77	
New Brunswick.....	79	25	52.4	2.59	T.	Greenwich.....	77 ¹	21 ¹	45.0 ¹	1.87	1.0	Highlands.....	72	15	51.0	10.20	T.
Newton.....	79	18	49.0	2.61	T.	Griffin Corners.....	78	21	46.0	1.60	1.0	Horse Cove.....	77	28	56.0	8.86	T.
Ocean City.....	71	22	48.2	2.94	T.	Haskinville.....	70	23	45.8	1.70	T.	Kinston.....	88	31	59.0	6.61	
Oceanic.....	78	28	49.8	1.84	T.	Hemlock.....	78	20	46.0	1.90		Linville.....	71	22	48.0	5.51	
Paterson.....	82	27	52.8	1.89	T.	Honeymead Brook.....	78	20	46.0	1.46		Littleton.....	87	28	57.8	3.49	
Perth Amboy.....	79	27	50.8	2.09	T.	Hoosick Falls.....	78	19	44.1	1.89	1.1	Louisburg.....	85	28	58.9	3.48	T.
Plainfield.....	78	22	50.2	3.03	0.2	Humphrey.....	78	15	39.4	0.97	0.2	Lumberton.....	84	34	61.2	5.14	
Rancocas.....	78	19	47.8	1.93	T.	Indian Lake.....	71	15	45.4	1.68	2.6	Marion.....	87	25	57.8	9.70	T. 0.5
Rivervale.....	78	27	50.8	2.59	T.	Ithaca.....	72	22	45.6	2.13	T.	Marshall.....	85	23	54.6	2.62	
Rocktown.....	77	19	48.4	2.18	T.	Jamestown.....	78	21	43.8	0.35	T.	Mocksville.....	85	30	58.1	4.68	
Roseland.....	77	27	51.5	2.38	T.	Jay.....	77	20	41.9	0.83	0.4	Moncure.....	83	29	59.0	4.43	
Salem.....	80	27	53.4	2.35	T.	Keene Valley.....	77	24	42.0	2.06		Monroe.....	84	23	58.3	5.63	
Somerville.....	80	22	51.5	2.66	T.	King Ferry.....	79	12	45.2	1.50		Mountairy.....	80	28	55.8		
South Orange.....	76	28	50.4	2.78	T.	Liberty.....	79	18	42.6	1.97	T.	Murphy.....	84	26	58.8	4.34	T.
Toms River.....	80	17	49.0	1.90	T.	Littlefalls.....	77	23	47.2	1.26	T.	Newbern.....	85	28	59.9	4.58	
Trenton.....	72	27	51.6	1.59	T.	Lockport.....	72	19	42.4	0.75		Oakridge.....	84	27	56.9	3.66	
Tuckerton.....	74	22	49.2	2.35	T.	Lowville.....	74	19	42.4	1.09		Patterson ¹	80	24	52.7	4.56	
Vineland.....	81	24	52.4	2.21	T.	Lyndonville.....	76	24	48.0	1.19	2.0	Pittsboro.....	85	26	57.8	5.75	
Woodbine.....	75 ¹	22	53.0	2.16	T.	Lyons.....	76	24	41.0	1.01	1.0	Rockingham.....	87	28	60.5	5.11	
New Mexico						Mayle.....	75	24	47.9	1.70		Roxboro.....	84	29	58.6	6.24	
Albert.....	77	27	52.6	4.08	T.	Middletown.....	75	24	47.9	1.70		Salem.....	88	28	58.2	3.02	
Albuquerque.....	78	27	52.0	0.33	T.	Mohonk Lake.....	71	22	47.1	3.26		Salisbury.....	84	29	60.2	4.98	
Alma.....	81	24	50.4	1.81	T.	Moira.....	80	9	45.4	1.17	T.	Saxon.....	86	23	57.4	3.35	
Aztec.....	75	19	46.1	1.41	2.9	Mount Morris.....	74	20	46.2	1.44		Seima.....	88	30	60.2	3.65	
Bell ranch.....	81	27	53.0	0.45	T.	Newark Valley.....	76	18	41.0	1.30		Settle.....	82	21	55.4	4.30	
Bernalillo.....	81	27	53.0	0.00	T.	New Lisbon.....	76	26	48.4	1.26		Sloan.....	85	30	61.1	4.52	
Bluewater.....	75	14	49.6	0.63	1.0	North Germantown.....	78	26	44.9	1.14		Soapstone Mount.....	85	22	57.0	5.76	
Cambray.....	75	27	52.0	0.00	T.	North Hammond.....	76	20	44.9	2.6		Southern Pines a.....	83	33	63.2	3.90	
Deming.....	75	27	52.0	0.00	T.	Number Four.....	70	14	39.0	0.81		Southern Pines b.....	84	32	56.5	3.15	
East Lasvegas.....	72	21	46.6	2.25	0.5	Ordensburg.....	77	20	46.8	0.87		Springhope ¹	84	22	59.5	3.34	
Engle.....	79	26	50.8	0.00	T.	Old Chatham.....	78	21	46.2	1.67		Tarboro.....	87	22	60.5	5.76	
Espanola.....	68	24	43.4	1.57	T.	Oneonta.....	78	21	42.8	1.35		Washington.....	88	34	60.5	5.76	
Folsom.....	72	18	44.6	7.19	16.6	Oxford.....	76	16	42.8	1.70	0.5	Waynesville.....	81	20	52.6	6.41	
Fort Bayard.....	76	26	47.6	0.41	T.	Palermo.....	75	22	44.2	0.53	1.0	Weldon a.....	80	32	56.4	3.23	
Fort Stanton.....	78	12	47.8	0.90	T.	Penn Yan.....	78	22	48.2	1.25	1.6	Weldon b.....	87	22	59.5	3.23	
Fort Union.....	73	11	44.8	1.55	T.	Perry City.....	77	16	43.8	2.00	2.4	North Dakota					
Fort Wingate.....	75	20	42.4	2.60	T.	Phoenix.....	78	21	42.0	1.98		Amenia.....	86	16	49.4	1.92	
Gage.....	75	27	52.0	0.15	T.	Pine City.....	76	19	43.2	2.35	T.	Ashley.....	84	22	48.6	1.91	
Galliteo.....	77	24	47.8	0.28	T.	Plattsburg Barracks.....	75	10	44.4	0.83	0.2	Berlin.....	85	17	48.0	1.03	T.
Gallinae Spring.....	79	25	50.3	1.58	T.	Port Byron.....	75	23	44.7	0.70	1.0	Bottineau.....	82	18	47.8	0.20	
Hillsboro.....	82	24	50.6	0.16	T.	Port Jervis.....	79	22	49.0	2.06		Buxton.....	83	19	48.0	1.49	
Horse Springs.....	86	20	52.3	1.05	2.0	Poughkeepsie.....	79	19	46.7	0.28		Churchs Ferry.....	92	16	49.0	0.32	
Las Vegas Hotsprings.....	70	19	45.0	2.03	1.0	Primrose.....	77	22	47.2	1.95		Coalharbor.....	86	20	49.6	0.42	
Lordsburg.....	83	28	54.4	0.49	T.	Red Hook.....	77	22	47.2	1.40		Devils Lake.....	88	20	48.8	1.10	
Los Lunas.....	83	28	54.4	0.90	T.	Richmondville.....	76	19	43.2	2.85	T.	Dickinson.....	87	19	50.0	0.65	
Lower Penasco.....	74	26	51.4	0.30	T.	Ridgeway.....	75	23	46.0	1.08		Donnybrook.....	87	22	50.0	0.32	T.
Lyons Ranch.....	85	27	53.0	0.81	0.5	Rome.....	72	20	41.7	1.73		Dunseith.....	81	18	49.0	0.23	
Mesilla Park.....	83	29	54.4	0.31	T.	Romulus.....	78	22	47.6	0.59	2.0	Ellendale.....	83	23	50.6	2.04	
Raton.....	72	17	43.4	6.00	28.0	Rose.....	78	22	47.6	1.47	3.0	Falconer.....	88	20	50.6	1.40	
Rincon.....	82	35	57.4	T.	St. Johnsville.....	81	22	45.3	1.71	0.4	Fargo.....	87	15	50.0	1.82		
Roswell.....	83	24	55.9	0.39	T.	Salisbury Mills.....	81	22	45.3	2.60		Forman.....	83	20	49.6	2.28	
San Marcial.....	83	27	54.1	0.18	T.	Saranac Lake.....	74	16	38.6	0.73		Fort Berthold.....	90	19	51.4	0.96	
Socorro.....	79	26	51.2	0.18	T.	Saratoga Springs.....	77	23	45.5	1.84		Fort Yates.....	91	15	48.8	0.10	
Springer.....	76	20	47.3	9.25	T.	Schenectady.....	83	24	48.9	1.97		Fullerton.....	84	20	49.2	1.74	T.
Whiteoaks.....	76	26 ¹	49.2 ²	1.66	2.0	Schenevus.....	78	21	43.8	2.04		Gallatin.....	84	12	47.6	1.65	T.
Woodbury.....	79	20	48.4	0.71	T.	Scottsville.....	74	30	48.6	1.63		Glenullin.....	84	12	49.5	0.43	
New York						Setauket.....	74	30	48.6	1.63		Grafton.....	91	19	49.5	0.75	
Adams.....	76	20	47.6	0.67	8.0	Shawsville.....	75	22	46.8	1.07	1.9	Hamilton.....	91	17	48.4	0.18	
Addison.....	76	27	52.0	1.49	T.	Skaneateles.....	75	15	44.0	1.56		Hannaford.....	85	20	50.0	1.30	
Akron.....	76	20	47.6	1.02	T.	South Canisteo.....	75	15	44.0	1.60	3.0	Jamestown.....	90	25	53.0	0.41	
Alfred.....	71	15	44.7	1.33	1.4	Southeast Reservoir.....	75	16	42.2	2.27		Langdon.....	88	10	47.1	0.18	
Angelica.....	73	17	44.0	1.44	1.0	South Kortright.....	75	16	42.2	1.71		Larimore.....	89	17	48.2	1.24	
Appleton.....	76	24	44.6	0.91	T.	Straits Corners.....	81	15	45.2	1.76	1.2	Lisbon.....	85	20	49.4	3.32	
Arcade.....	72	16	42.8	1.82	1.3	Ticonderoga.....	74	23	44.6	0.27		McKinney.....	81	17	48.8	0.05	
Atlanta.....	75	18	44.7	2.08	2.5	Volusia.....	70	19	44.8	1.65		Mayville.....	86	23	53.0	1.37	
Auburn.....	79	21	48.1	1.29	1.0	Wappingers Falls.....	80	24	48.3	1.71	T.	Medora.....	90	19	50.7	0.75	
Axton.....	73	14	43.2	0.60	T.	Watertown.....	76	18	44.2	0.64	3.5	Melville.....	88	15	50.0	0.38	
Baldwinsville.....	76	23	46.2	1.33	T.	Waverly.....	78	19	46.8	1.58	0.2	Milton.....	88	15	45.5		

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>						<i>Ohio—Cont'd.</i>						<i>Oregon—Cont'd.</i>					
Bangorville.....	80	19	49.7	2.16	1.8	Strongsville.....	80	21	53.6	0.98		Riverside.....	80	19	48.0	1.23	
Bellefontaine.....	79	24	50.1	2.78		Thurman.....	84	23	53.6	2.55	2.5	Salem.....	84	29	50.6	2.60	
Bement.....				1.85	1.0	Tiffin.....	74	23	49.2	2.20	1.0	Sheridan*1.....	77	30	48.1	1.82	
Benton Ridge.....	80	22	48.8	2.72	1.5	Upper Sandusky.....	79	20	50.2	2.20	0.5	Silverton*1.....	86	38	54.1	2.05	
Bethany.....	83	28	52.6	1.33		Urbana.....	74	22	49.9	2.02		Siskiyou*1.....	66	28	44.0	0.10	
Bigprairie.....	81	20	49.4			Vanceburg.....	82	23	53.5	1.00		Sparta.....	70	16	43.7	2.60	8.5
Binola.....				1.64	2.0	Vermillion.....	79	19	47.4	1.81	4.0	Springfield*1.....	80	34	51.4	2.75	
Bladensburg.....	80	15	48.0	2.00	T.	Vickery.....	81	21	48.8	1.72	1.2	Stafford.....	84	32	51.4	2.45	
Bloomingburg.....	80	22	52.4	1.40		Walnut.....				1.40	0.8	The Dalles.....	86	29	53.9	0.42	
Bowling Green.....	80	22	48.4	2.45	1.0	Warren.....	78	25	49.2	1.44		Tillamook.....	86	27	49.3	2.42	
Cambridge.....	78	18	49.6	1.98		Wauseon.....	83	21	49.6	4.04	1.9	Toledo.....	86	27	49.3	3.50	
Camp Dennison.....	81	25	53.8	1.37		Waverly.....	85	33	53.6	1.29	T.	Umatilla.....				1.02	
Canal Dover.....	81	19	48.4	2.72	2.0	Waynesville.....	82	21	52.2	1.66		Vale.....	77	25	50.0	1.31	T.
Canton.....	79	22	48.8	1.84	0.3	Wellington.....	80	19	49.0	1.31	1.0	Westfork*1.....	84	32	55.7	2.35	
Cardington.....	82	19	49.1	2.27	1.8	Westerville.....	76	23	51.2	2.80	T.	Weston.....	79	26	48.4	3.61	2.2
Cedarville.....				2.17	1.0	Willoughby.....				1.72		Williams.....	81	24	50.0	1.54	
Celina.....	80	21	49.4	2.05	T.	Wooster.....	78	20	47.8	1.70	T.	<i>Pennsylvania.</i>					
Chillicothe.....	84	22	52.6	1.25	T.	Youngstown.....				1.47		Altoona.....	80	22	49.6	1.22	
Circleville.....	80	21	52.6	1.44	T.	Zanesville.....				1.57		Aqueduct.....	83	24	54.4	1.88	1.2
Clarksville.....	80	23	52.8	1.77	0.4	<i>Oklahoma.</i>						Athens.....	78	19	47.0	1.73	
Cleveland a.....	73	25	47.6	1.76	3.1	Arapaho.....	91	32	60.1	5.73	T.	Beaver Dam.....					
Cleveland b.....	73	26	47.4	1.40	2.7	Beaver.....	87	35	55.6	4.58	1.0	Brookville.....					
Clifton.....	83	17	50.6	1.90	T.	Burnett.....	86	29	61.2	4.05		Browers Lock.....					
Coaltown.....	89	18	52.2	1.02	T.	Edmond.....	84	35	60.6	3.32		Butler.....	79	20	47.3	1.47	1.0
Colebrook.....	78	19	47.4	1.70	2.0	Fort Reno.....	85	32	60.1	4.75		Carlisle.....	78	24	51.5	1.37	1.0
Dayton a.....				0.78		Fort Sill.....	85	32	62.4	5.35		Cassandra.....	73	21	46.6	2.77	0.8
Dayton b.....	84	18	52.4	1.23		Guthrie.....	85	32	61.4	3.29		Cedarrun.....					
Defiance.....	80	18	48.6	3.17	T.	Hennessey.....	90	32	60.6	3.81	T.	Centerhall.....	77	21	49.6	1.52	3.0
Delaware.....	80	19	49.8	2.58	T.	Jefferson.....	92	32	59.9	3.63	T.	Chambersburg.....	80	23	50.4	1.92	5.0
Demos.....	77	21	49.5	1.95		Jenkins.....	91	30	59.6	6.58	T.	Coatesville.....	80	23	53.0	2.19	T.
Elyria.....	80	20	48.2	1.57		Kingfisher.....	86	31	60.8	3.54		Confluence.....	78	20	46.0	1.66	2.0
Findlay.....	84	23	50.0	1.99		Mangum.....	89	30	60.2	5.00		Coopersburg.....	76	25	51.6	1.94	
Frankfort.....	80	20	52.1	1.59		Newkirk.....	85	26	58.4	4.04		Davis Island Dam.....					
Garrettsville.....	78	16	47.2	2.30	1.7	Norman.....	84	31	60.0	5.05		Derry Station.....	90	22	47.3	1.81	2.0
Granville.....	79	23	49.8	3.08	T.	Osage.....	91	27	61.8	6.58		Driftwood.....				1.22	1.0
Gratiot.....	76	20	49.7	2.21	0.5	Perry.....	88	30	60.8	5.32		Duncannon.....				1.51	
Greenfield.....	79	27 ^a	53.8 ^b	1.40	T.	Sac and Fox Agency.....	87	29	59.8	2.58		Dushore.....	79	15	45.2	1.05	0.8
Greenhill.....	77	16	46.4	1.76	1.8	Stillwater.....	85	32	60.8	4.43	T.	Dyberry.....	76	21	44.1	1.70	T.
Greenville.....	77	22	50.0	1.90	0.5	Waukomis.....	91	30	60.4	4.12		East Bloomsburg.....				1.50	
Hanging Rock.....	85	23	52.4	0.82		Wood.....				5.04		East Mauch Chunk.....	82	19	50.2	1.48	
Hedges.....	81	20	49.5	2.35	T.	<i>Oregon.</i>						Easton.....	77	26	50.8	1.63	T.
Hillhouse.....	77	15	45.3	2.29	2.0	Albany a*1.....	88	36	53.0	1.33		Ellwood Junction.....				1.00	
Hillsboro.....	80	19	51.6	1.27		Albany b.....				1.77		Emporium.....	77	18	47.1	1.29	1.7
Hiram.....	78	20	48.0	2.70	1.5	Alpha.....	84	31	50.2	8.77		Ephrata.....	81	22	51.6	1.64	0.8
Hudson.....	80	17	47.6	2.41	3.0	Arlington.....	87	19	56.6	0.65		Everett.....	74	26	47.6	1.25	T.
Jacksonboro.....	81	24	52.8	1.75		Ashland b.....	81	25	49.4	1.45		Forks of Neshaminy*1.....	78	32	52.2	2.43	
Kenton.....	84	21	53.0	2.30	1.7	Aurora.....	89	28	53.0	1.67		Franklin.....	80	18	47.2	0.60	T.
Killbuck.....	78	20	49.8	2.18	0.5	Aurora (near).....	84	30	50.6	2.17		Freepoort.....				1.38	
Lancaster.....	78	20	51.8	1.61		Bandon.....	79	34	50.0	4.64		Girardville.....				0.94	0.2
Logan.....	84	25	52.2			Bay City.....	75	30	50.2	5.40		Grempian.....	76	24	47.5	1.36	4.0
Lowell.....	83	18	52.0	1.29	T.	Beulah.....	80	18	44.7	1.15		Greensboro.....	84			1.56	1.0
McArthur.....	78	18	51.3	1.47	T.	Bialock.....	84	33	55.4	0.62		Hamburg.....				2.05	
McConnellsburg.....	81	18	51.3	0.97	T.	Brownsville*1.....	84	40	54.0	1.62		Haminton.....	75	20	46.2	1.68	
Mansfield.....				4.85	3.5	Bullrun.....	75	32	49.2	3.96		Hawthorn.....	84	21	48.4	1.18	3.0
Marietta.....	80	26	54.6	1.55		Burns.....	75	19	49.7	1.15	8.0	Hews Island Dam.....				1.46	
Marion.....	81	19	50.8	3.12	0.4	Burns (near).....	77	21	43.8	1.11	5.0	Huntingdon a.....	83	21	50.2	1.75	2.0
Medina.....	83	17	48.4	1.85	T.	Cascade Locks.....	84	35	53.6	2.15		Huntingdon b.....				2.64	
Mifflordton.....	78	18	48.2	2.10	1.0	Comstock*1.....	82	37	52.0	3.39		Irwin.....				1.45	0.5
Milligan.....	81	17	50.0	1.15	T.	Coquille.....				3.94		Johnstown.....	82	24	50.2	1.41	0.5
Millport.....	75	17	46.4	1.52	T.	Corvallis.....	83	29	51.4	1.72		Keating.....				1.28	1.0
Montpelier.....	80	22	48.2	2.23	3.5	Dayville.....	80	24	48.9	1.65		Kennett Square.....	77	23	51.8	2.53	
Napoleon.....	81	22	50.0	2.50	T.	Ella.....	85	31	51.1	2.35		Lancaster.....	75	22	50.9	1.29	0.2
Neapolis.....				3.54	T.	Fairview.....	85	31	51.1	2.35		Lawrenceville.....	75	17	44.2	1.11	0.2
New Alexandria.....	79	21	50.1	2.40	2.0	Falls City.....	83	30	49.7	2.07		Lebanon.....	80	23	51.2	2.08	0.7
New Berlin.....	80	18	48.8	1.70		Forestgrove.....	82	26	50.4	2.10		Leroy.....				0.7	
New Bremen.....	82	24	52.1	1.74		Gardiner.....	85	35	52.1	4.50		Lewisburg.....	81	22	50.6	1.07	
New Holland.....	82	21	52.8	1.29	1.5	Glenora.....	80	30	48.7	7.80		Lockhaven a.....	82	23	52.4	1.41	2.0
New Paris.....	77	21	52.0	1.65	T.	Government Camp.....	69	13	39.8	5.04	29.0	Lockhaven b.....				1.20	
New Richmond.....	83	25	54.2	1.36		Grants Pass.....	84	26	51.0	1.89		Lock No. 4.....				1.74	
New Waterford.....	84	21	49.6	1.42	0.1	Happy Valley.....	75	13	32.2	1.44		Lycipus.....	78	20	48.8	1.51	1.9
North Lewisburg.....	80	19	50.1	2.45	0.2	Hare.....	78	31	48.2	7.60		Minifin.....				0.50	
North Royalton.....	79	19	48.4	1.31	T.	Hood River (near).....	88	28	52.2	0.86		Nisbet.....				0.84	
Nowalk.....	80	19	47.8	2.57	4.0	Jacksonville.....	81	25	50.2	1.38	0.5	Oil City.....				1.40	2.6
Oberlin.....	82	18	48.4	1.44		Joseph.....	73	15	42.0	2.00	19.5	Parker.....				1.51	2.0
Ohio State University.....	79	19	50.8	2.30	0.1	Junction City*1.....	82	28	50.6	1.84		Philadelphia.....	77				

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Pennsylvania</i> —Cont'd.																	
Westchester	76	25	51.7	2.39	Ins.	Plankinton	80	23	51.6	3.51	Ins.	Texas—Cont'd	o	o	o	Ins.	Ins.
West Newton				1.65	1.0	Redfield	82	17	50.5	3.78		Colorado	88	40	67.4	12.31	
Wilkesbarre	80	25	49.1	1.01	T.	Rosebud	82	27	51.2	2.69		Columbia	88	37	66.4	5.45	
Williamsport	79	25	49.3	0.81	T.	St. Lawrence	87	.....	.....	4.03		Corsicana	88	37	66.4	6.73	
York	81	22	51.0	1.35	0.2	Shiloh	87	20	53.6	1.31		Cuero	86	40	68.8	6.10	
<i>Rhode Island</i> .						Sioux Falls	81	20	48.4	2.28		Dallas	85	33	62.8	5.66	
Bristol	68	29	47.0	2.01		Sisseton Agency	80	21	49.9	1.18		Danevang	88	38	69.4	6.52	
Kingston	73	19	46.5	3.67		Speakerish	82	26	50.0	2.49		Dublin	82	33	62.6	5.98	
Pawtucket	79	29	44.0	1.73		Tyndall	80	20	51.1	1.38		Duval	82	39	64.5	9.34	
Providence a	78	28	51.2	1.90		Watertown	80	19	49.2	1.30		Emory	85	31	64.5	3.19	
Providence c	77	24	47.5	2.03		Waubay	80	20	48.2	1.47		Estelle	86	32	65.0	5.71	
<i>South Carolina</i> .						Wentworth	21	.....	.....	3.01		Forestburg .....	.....	.....	.....	5.96	
Allendale	86	30	64.4	3.78		Wolsey .....	.....	.....	.....	2.48		Fort Brown	92	47	72.4		
Beaufort	86	38	67.6	4.54		<i>Tennessee</i> .						Fort Clark	86	38	67.4	7.45	
Blackville	88	29	64.7	5.87		Andersonville	89	22	56.4	3.21		Fort McIntosh	97	41	72.4	4.76	
Calhoun Falls				7.11		Arlington	82	30	58.6	4.83		Fort Ringgold	99	30	73.8	2.03	
Camden				7.17		Ashwood	84	26	59.2	6.02		Fort Stockton .....	.....	.....	.....	1.18	
Cheraw a	85	29	59.9	5.01		Benton	83 ^a	24 ^a	58.9 ^a	5.37		Fredericksburg* ¹	81 ^a	34	64.1 ^a	7.42	
Cheraw b				5.12		Bluff City	84	29	60.2	5.57		Gainesville	83	29	63.2	9.60	
Clemson College	85	24	60.4	7.39		Bolivar	84	27	54.8	1.35		Georgetown* ¹	86 ^a	36	64.4 ^a	9.06	
Conway	85	28	61.2	7.28		Bristol	82	27	54.8	1.35		Grapevine	86	35	64.6	7.38	
Darlington				6.20		Brownsville	85	32	60.2	2.92		Hale Center	85	31	64.2	6.14	
Edisto				5.20		Byrdstown	84	25	58.4	3.18		Hallettsville	86	39	69.0	3.77	
Effingham				4.67		Carthage	86	.....	.....	3.51		Haskell .....	.....	.....	.....	7.75	
Florence	85	31	61.8	4.04		Charleston .....	.....	.....	.....	6.31		Hearne	87	40	67.8		
Gaffney				8.55		Clarksville	82	29	58.8	3.49		Henrietta	87	30	59.9	4.98	
Georgetown	88	30	62.6	2.35		Clinton	87	36	61.2	4.33		Hewitt .....	.....	.....	.....	13.50	
Gillisonville	90	31	66.6	4.96		Covington	87	36	62.4	4.33		Hondo .....	.....	.....	.....	7.88	
Greenville	81	24	57.6	7.92		Decatur	86	24	59.6	5.13		Houston	84	41	67.2	6.57	
Greenwood	87	28	61.2	7.28		Dyersburg	84	39	62.0	3.69		Hulen	85	38	66.2	8.29	
Holland	85	24	60.0	7.19		Elizabethton	83	23	55.4	1.14		Jacksonville	84	33	66.0	7.17	
Kingstree a	85	32	62.0	3.60		Elk Valley .....	.....	.....	.....	2.75		Jasper	98	37	68.8	6.12	
Kingstree b				8.66		Erasmus	84	14	54.2	5.94		Junction .....	.....	.....	.....	9.30	
Liberty	87	25	60.4	6.01		Florence	80	28	58.4	4.45		Kaufman	96	34	67.2		
Little Mountain	87	30	62.4	6.04		Franklin	83	28	59.6	5.20		Kent .....	.....	.....	.....	0.16	
Longshore	87	26	61.6	8.50		Grace* ¹	82	29	60.8	5.80		Kerrville	83	.....	.....	9.85	
Pinopolis* ¹	87	34	63.5	3.95		Greenville	84	22	56.1	2.13		Lampasas	86	30	66.2	9.01	
St. George	88	31	63.2	3.09		Harriman	84	25	58.5	3.73		Langtry	81	42	61.4	10.13	
St. Matthews	87	33	63.8	4.62		McKenzie	86	23	58.8	7.88		Llano* ¹	82	37	65.8	7.98	
St. Stephens				3.71		Iron City	85	24	60.0	10.43		Longview	90	34	65.4	6.60	
Santuck	86	25	60.6	6.00		McMinnville	80	27	59.0	4.82		Luling	86	37	67.2	10.86	
Shaws Fork				10.32		Madison	90	23	60.0	4.80		Mann	87	34	66.2	9.31	
Smiths Mills				3.19		Maryville* ¹	84	26	59.8	2.86		Mount Blanco	79	29	57.4	4.09	
Spartanburg	87	29	57.8	5.94		Milan	86	30	60.2	3.47		New Braunfels	83	29	66.3	11.80	
Statesburg	86	32	64.4	6.59		Newport	83	27	57.9	1.97		Panter .....	.....	.....	.....	7.97	
Summerville	85	35	64.8	6.14		Nunnely	84	25	58.6	6.18		Paris a	88	29	61.6	0.73	
Temperance	89	29	61.2	5.51		Oakhill	86	24	58.6	6.01		Point Isabel* ¹	86	60	73.0	1.75	
Trenton	84	35	64.8	5.04		Palmetto	84	27	59.5	4.58		Rhineland	82	32	62.1	5.90	
Trial	83	26	60.6	3.23		Perrygate* ¹	87	27	62.8	4.30		Rock Island	83	35	66.2	7.37	
Walhalla	85	27	59.6	6.88		Rogersville	87	21	58.3	6.25		Rockport* ¹	81	50	66.8		
Wilmington	79	28	59.4	6.95		Rugby	81	24	56.6	2.38		Runge .....	.....	39	.....	7.68	
Winthrop College	85	29	61.0	5.13		Savannah	90	28	62.0	9.83		Sabine	85	46	69.0	5.49	
Yemassee	87	35	64.6	3.26		Sewanee	80	28	58.2	9.47		Saginaw* ¹	82	32	64.7	9.69	
Yorkville	89	30	62.0	7.46		Silverlake	73	21	51.8	1.98		Sanderson	82	35	66.6	0.75	
<i>South Dakota</i> .						Springdale	82	22	55.4 ^a	1.70		San Marcos	85	38	66.4	12.37	
Aberdeen	87	20	50.7	4.15		Springfield	85	25	58.6	2.60		Santa Gertrudes Ranch .....	.....	.....	.....	1.18	
Academy	89	24	52.6	2.73		Tazewell	86	.....	.....	1.75		Sugarland	84	35	67.4	6.33	
Alexandria	84	21	52.8	4.07		Tellico Plains	85	24	59.9	3.92		Suburbs Springs	86	34	65.4	2.19	
Armour	81	22	51.4	4.81		Tracy City	84	21	57.0	6.94		Temple a	83	36	65.2	11.46	
Ashcroft	92	16	49.6	1.28		Trenton	81	37	61.6	2.99		Temple b	84	36	62.0	11.40	
Bowdrie	86	19	48.4	2.24		Tullahoma	84	23	59.1	7.50		Tulia	84	27	53.9	6.60	
Brookings	80	21	50.2	1.68		Union City	83	21	59.0	1.90		Turnersville	80	34	64.2	8.85	
Canton	82	21	51.6	3.45	0.5	Wildersville	82	29	60.4	3.67		Tyler	90	35	65.2	4.50	
Centerville	84	25	54.6	3.13		Yukon	82	28	60.9	10.62		Valentine	82	.....	.....	0.00	
Chamberlain	84	25	54.6	3.13		<i>Texas</i> .						Victoria .....	.....	.....	.....	5.08	
Clark	81	22	50.4	1.02		Alice	94	40	71.6	1.55		Waco	85	37	65.4	9.50	
Desmet	88	24	51.6	1.65		Alpine	89	27	58.4	0.15		Waxahachie	86	29	65.3	5.70	
Doland	87	17	52.0	1.98		Alvin	86	30	64.1	9.06		Weatherford	83	32	63.8	6.85	
Elk Point	80	25	54.8	3.12	0.2	Anna	86	30	64.1	9.06		Wichita Falls .....	.....	.....	.....	6.60	
Farmingdale				3.12	2.0	Anson .....	.....	.....	.....	3.88		<i>Utah</i> .					
Faulkton	84	23	49.4	4.08		Arthur	80	.....	.....	2.87		Alpine .....	.....	.....	.....	2.51	
Flandreau	82	23	50.8	3.11		Austin a	85	35	66.0	9.68		Bluecreek* ¹	77	28	46.4	3.10	T.
Forestburg	83	20	49.7	2.52		Austin b* ¹	83	36	64.0	.....		Castledale	75	24	46.8	1.38	
Forest City	89	24	53.9	2.75		Ballinger	86	33	62.2	7.53		Corinne .....	.....	.....	.....	3.54	
Fort Meade	86	27	50.4	0.95	3.5	Beeville	88	37	67.2	3.57		Deseret	82	23	46.6	2.85	7.2
Gannvalley				2.60		Big Springs	84	38	62.2</								

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations	Temperature. (Fahrenheit.)			Precipita- tion.		Stations	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Utah—Cont'd.</i>						<i>Washington—Cont'd.</i>						<i>Wisconsin—Cont'd.</i>					
Park City.....	67	20	41.4	8.56	15.0	Crescent.....	83	26	49.8	0.71	Ins.	Florence.....	80	15	45.6	3.84	1.5
Parowan.....	77	20	48.8	2.64	22.8	Dayton.....	79	27	49.9	1.06	T.	Fond du Lac.....	83	15	47.9	2.09	10.0
Pinto.....	73	19	41.8	2.81	3.0	Ellensburg.....	92	29	50.6	0.50		Grand River Locks.....	88	16	49.9	2.24	3.5
Promontory* ¹	73	26	45.6	.....	.....	Ellensburg (near).....	84	24	51.4	0.35	T.	Grantsburg.....	83	22	47.8	2.53	10.0
Provo.....	81	25	48.0	1.65	.....	Grandmound.....	83	31	51.0	1.95		Hartford.....	79	19	47.9	2.84	8.0
St. George.....	84	25	51.2	2.07	.....	Granite Falls.....	.....	.....	.....	4.65	2.0	Harland.....	80	25	50.4	2.81	4.8
Selby.....	79	19	45.4	2.09	2.0	Hooper.....	82	27	52.4	1.43		Harvey.....	78	15	49.0	2.45	.....
Snowville.....	76	27	45.9	3.52	.....	Lacenter.....	85	30	51.5	2.15	T.	Heafford.....	81	19	45.8	2.90	3.0
Soldier Summit.....	84	20	45.2	0.49	4.9	Lakeside.....	80	32	54.4	0.82		Hillsboro.....	80	20	47.7	3.50	5.0
Thistle.....	80	23	49.1	1.77	3.7	Lind.....	83	26	53.8	1.47	3.0	Knapp.....	80	17	48.3	2.00	T.
Tooele.....	78	25	47.4	3.95	.....	Loomis.....	85	25	56.0	.....		Koepenick* ¹	78	24	46.4	4.80	10.0
Tropic.....	74	13	39.0	4.83	8.0	Mayfield.....	85	26	45.4	4.23	T.	Lancaster.....	80	23	49.4	3.63	8.0
Vernal.....	75	28	47.0	2.00	.....	Montecristo.....	77	21	46.8	4.96	11.0	Madison.....	76	24	48.0	1.68	5.0
Wellington.....	76	23	44.8	1.76	.....	Mottinger Ranch.....	84	32	56.8	1.05		Manitowoc.....	76	25	44.8	2.70	4.5
<i>Vermont.</i>						Mount Pleasant.....	85	34	52.0	2.66		Meadow Valley.....	82	21	48.6	3.88	7.0
Bennington.....	79	20	46.5	1.29	.....	Moxee Valley.....	84	21	51.4	0.73		Medford.....	83	12	45.4	2.95	2.0
Brattleboro.....	75	23	45.6	1.53	.....	New Whatcom.....	74	30	50.0	2.82		Menasha.....	74	28	47.4	2.43	10.0
Burlington.....	69	23	44.9	0.91	T.	Northport.....	86	23	49.6	1.11		Neillsville.....	80	20	48.0	3.21	4.0
Chester.....	72	15	39.0	1.13	T.	Olga.....	71	33	48.3	1.88		New Holstein.....	85	22	50.9	3.25	9.0
Cornwall.....	75	23	43.4	0.32	.....	Olympia.....	84	30	50.6	1.84		New London.....	81	21	46.7	3.05	8.0
Derby.....	75	12	40.4	1.86	.....	Pasco.....	90	24	55.7	0.35		North Crandon.....	80	22	45.0	0.85	4.0
Enosburg Falls.....	81	25	45.6	2.19	3.0	Pinehill.....	90	27	54.2	0.77	T.	Oconto.....	83	21	45.8	2.77	5.0
Hartland.....	79	17	40.8	0.93	.....	Pomeroy.....	78	31	53.2	2.40		Oscceola.....	82	15	48.8	1.95	0.5
Jacksonville.....	69	19	41.2	3.14	.....	Port Townsend.....	78	34	50.8	0.88		Oshkosh.....	76	23	47.7	2.45	10.0
Manchester.....	63	19	41.2	1.46	T.	Pullman.....	78	26	48.9	3.50	4.0	Pepin.....	83	20	50.4	2.75	3.0
Norwich.....	78	15	41.3	0.92	T.	Republic.....	87	22	48.5	0.71	T.	Pine River.....	83	19	47.8	2.36	7.0
St. Johnsbury.....	75	18	40.3	1.49	T.	Ritzville.....	.....	.....	.....	1.18	5.0	Portage.....	81	23	48.6	2.09	7.0
Vernon.....	72	18	42.7	0.96	0.5	Rosalia.....	77	27	51.8	1.26	2.5	Port Washington.....	79	22	45.4	3.75	7.0
Wells.....	75	24	40.6	0.51	.....	Sedro.....	79	27	50.2	3.05	T.	Prairie du Chien ^a	81	24	51.7	3.19	4.0
Woodstock.....	75	25	40.6	.....		Shoalwater Bay* ¹⁰	80	40	51.5	.....		Prairie du Chien ^b	82	14	47.4	3.46	2.0
<i>Virginia.</i>						Silvana.....	78	26	49.8	3.80		Prentice.....	77	14	47.4	2.43	2.0
Alexandria.....	85	30	55.7	1.76	T.	Snohomish.....	73	29	52.4	2.66		Racine.....	75	28	47.1	0.83	.....
Ashland.....	82	28	56.4	3.42	.....	Snoqualmie.....	.....	.....	.....	3.85		Sharon.....	80	21	48.9	2.94	7.0
Barbourville.....	84	25	55.2	2.50	.....	Southbend.....	90	31	52.4	5.09	2.0	Sheawano.....	81	20	48.3	2.16	3.0
Bedford.....	78	29	54.0	3.93	.....	Sprague.....	.....	.....	.....	1.44		Sheboygan.....	74	25	43.7	3.12	9.2
Bigstone Gap.....	84	21	55.2	1.78	T.	Sunyside.....	82	24	52.6	1.01		Spooner.....	80	15	50.8	1.90	.....
Birdsnest* ¹	71	35	52.1	2.90	.....	Union.....	81	30	49.9	2.74		Stevens Point.....	80	21	46.6	3.04	8.0
Blacksburg.....	80	23	51.2	2.20	.....	Vancouver.....	85	31	51.2	2.13		Surgeon Bay Canal* ⁹	65	20	41.0	.....	.....
Bon Air.....	88	28	56.0	4.37	.....	Vashon.....	75	32	50.0	1.54		Two Rivers.....	66	22	44.6	.....	.....
Buckingham.....	86	27	55.8	2.92	.....	Waterville.....	80	24	47.4	1.41	1.0	Valley Junction.....	80	20	48.8	3.79	5.5
Burkes Garden.....	74	20	48.9	2.22	T.	Wenatchee (near).....	83	26	50.0	0.82		Viroqua.....	79	23	50.1	3.63	3.5
Calaville.....	82	28	56.0	2.99	.....	Westsound.....	75	30	50.4	1.49		Watertown.....	81	24	47.8	2.76	11.5
Charlottesville.....	82	28	57.5	3.15	.....	Wilbur.....	82	28	49.6	0.58	T.	Waukesha.....	80	24	46.6	2.34	4.0
Christiansburg.....	.....	.....	.....	2.24	.....	<i>West Virginia.</i>						<i>Wyoming.</i>					
Clarksville.....	.....	.....	.....	2.48	.....	Beckley.....	74	23	49.9	0.43		Alcova.....	82	15	46.2	3.01	19.4
Cliftonforge.....	73	26	50.5	2.10	T.	Beverly.....	82	18	49.8	1.70	1.0	Basin.....	82	16	45.2	1.06	.....
Columbia.....	85	22	57.3	2.10	.....	Bluefield.....	78	23	51.9	1.23	T.	Bedford.....	71	19	42.0	1.48	10.2
Dale Enterprise.....	85	19	51.5	1.70	T.	Elkhorn.....	80	23	53.4	1.20		Bitter Creek.....	85	8	45.6	3.10	22.0
Danville.....	.....	.....	.....	1.94	.....	Fairmont.....	83	23	52.0	0.85	T.	Buffalo.....	77	14	47.4	4.54	13.0
Dowell.....	83	30	56.0	2.89	.....	Glenville.....	84	20	52.5	1.35		Burlington.....	80	25	48.5	3.10	.....
Farmville.....	87	28	57.6	3.30	.....	Grafton.....	80	20	51.0	1.66		Burns.....	66	10	37.8	1.88	18.0
Fontella.....	90	31	58.6	4.83	.....	Green Sulphur Springs.....	80	21	51.3	0.75		Carbon.....	70	0	41.8	3.44	18.0
Fredericksburg.....	84	30	55.0	3.83	T.	Harpers Ferry.....	.....	.....	.....	1.62		Centennial.....	65	—	39.9	8.63	74.5
Freeling.....	.....	.....	.....	1.20	.....	Hinton a.....	81	26	53.0	1.56	T.	Cody.....	70	28	44.2	2.27	.....
Hampton.....	77	35	56.0	3.69	.....	Eastbank.....	82	25	55.4	1.11		Dome Lake.....	51	2	30.2	.....	51.0
Hot Springs.....	77	12	50.3	1.73	T.	Elkhorn.....	80	23	53.4	1.20		Douglas.....	85	3	45.1	4.56	6.0
Lexington.....	84	27	55.2	2.73	.....	Fairmont.....	83	23	52.0	1.38	T.	Embar.....	71	20	48.0	7.36	42.0
Massass.....	82	31	53.6	1.29	.....	Glenville.....	84	20	52.5	1.35		Evanston.....	67	18	37.2	2.23	7.7
Marion.....	83	23	52.7	1.93	T.	Grafton.....	84	20	52.5	1.60		Fort Laramie.....	83	14	47.3	7.48	.....
Meadowdale.....	78	18	48.5	0.97	1.8	Oldfields.....	83	23	52.6	1.42		Fort Washakie.....	73	9	43.6	6.81	42.0
Miller School.....	70	32	56.8	4.60	.....	Parsons.....	78	21	48.8	2.05		Fort Yellowstone.....	66	21	42.0	1.93	7.5
Newport News.....	80	32	57.5	.....	Point Pleasant.....	83	23	54.4	0.86	T.	Fourbear.....	68	12	39.7	6.24	49.4	
Petersburg.....	85	30	57.1	2.50	.....	Romney.....	83	27	52.8	1.26		Hyattville.....	79	25	47.5	.....	.....
Quantico.....	78	26	50.4	.....	Spencer.....	86	19	53.6	1.08	2.0	Iron Mountain.....	72	4	40.0	5.80	.....
Radford.....	.....	.....	.....	0.95	.....	Uppertract.....	81	20	51.0	0.75	T.	Kimball Ranch.....	76	24	48.1	5.75	7.5
Rockymount.....	80	28	56.2	4.70	.....	Wellsburg.....	76	21	49.4	2.10	2.0	Laramie.....	65	—	36.0	2.91	26.7
Salem.....	85	30	57.4	2.89	.....	Weston a.....	82	21	53.6	1.92	0.2	Lovell.....	83	27	49.2	1.82	2.0
Scottsburg.....	84	27	57.6	6.07	.....	Weston b.....	82	21	53.6	1.76	T.	Parkman.....	74	17	45.9	4.77	7.0
Speers Ferry.....	.....	.....	.....	1.79	.....	Wheeling a.....	83	26	56.6	1.76	T.	Pinebluff.....	76	12	48.5	5.64	.....
Spottsville.....	84	27	56.2	3.07	.....	Wheeling b.....	83	26	56.6	1.76	T.	Rawlins.....	68	10	42.2	2.89	.....
Stanardsville.....	85	29	54.4	2.77	.....	Wheeling a.....	83	26	56.6	1.92	0.2	Saratoga.....	70	11	39.6	1.59	1.0
Staunton.....	87	19	54.3	2.27	T.	Wheeling b.....	83	26	56.6	1.76	T.	Sheridan.....	80	.....	4.18		

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Cuba—Cont'd.	0	0	0	In.	In.	Alaska—Cont'd.	0	0	0	In.	In.
Morón Trocha	95	54	77.0	0.46	In.	Skagway	63	-10	29.4	1.15	1.5
Nuevitas	93°	60	79.1°	1.47		Wood Island	51	18	37.9	7.46	7.0
Pinar del Río	92	58	76.3	1.35		Arkansas.					
Sagua la Grande	96	50	72.9	0.00		Russellville	83	20	53.6	3.77	1.2
Santa Clara	95	50	77.2	1.51		California.					
Soledad	92	42	73.8	0.49		Glendora					
Unión de Reyes	91	59	78.5	5.08		Rancho					
Puerto Rico.						Rangely	13	.....	0.00		
Adjuntas	89	51	71.0	12.29		Delaware.					
Aguadilla	88	72	79.8	5.31		Milford					
Arecibo	91	60	75.2	5.38		Hypoluxo	85	47	70.6	2.79	
Bayamon	95	61	77.2	9.33		Illinois.					
Caguas	89	61	75.6	7.42		Monticello	62	0	35.6	1.58	
Canovanas	94	66	78.0	9.49		Paris	67	3	35.9	1.63	T.
Cayey	89	56	74.4	13.30		Strawn	57	0	31.6	2.11	
Coamo	95	61	78.2	5.10		Winchester	66	6	36.4	0.13	0.2
Corozal	95	60	75.6	9.17		Iowa.					
Fajardo	89	65	78.6	13.77		Council Bluff's	77	-4	35.0	.....
Hacienda Coloso	93	58	77.6	7.00		Mount Vernon a* ¹	58	-3	29.2	.....
Hacienda Perla	89	63	76.6	23.08		Pringhar	76	-10	30.4	4.13	
Humacao	89	67	78.4	10.89		Maryland.					
Isabela	96	64	77.9	4.50		Denton	62	11	39.6	1.31	7.0
La Isolina	88	61	74.2	4.10		Van Bibber	59	8	35.6	.....
Lajas	93	61	78.6	1.10		Montana.					
Manati	96	60	77.6	5.36		Billings	73	-2	38.0	.....
Maunabo	85	69	79.0	3.48		Butte	61	1	37.6	1.20	12.0
Mayaguez	92	62	77.9	5.44		Ekalaka	69	-11	31.4	0.80	9.0
Morovis	94	61	77.5	6.24		New York.					
Ponce	92	59	77.2	2.72		Brentwood	58	8	34.3	3.95	8.0
Port America	90	65	79.6	4.89		North Lake	45	-25	16.8	9.12	66.5
Puerta de Tierra	93	69	78.8	6.62		North Carolina.					
San German	78	56	72.9	1.81		Greenville	72	25	48.7	4.11	
San Lorenzo	91	59	76.6	13.00		Mountairy	71	8	42.6	.....
Utuado	94	.....	.....	2.09		Washington	84	24	50.1	3.19	T.
Vieques	88	69	78.4	9.78		Oregon.					
Yanoo	96	61	79.4	0.91		Tillamook				4.50	
Mexico.						South Carolina.					
Ciudad P. Diaz	87	41	69.6	6.29		Cheraw a	25	.....		4.65	
Coatzacoalcos	100	60	80.2	1.48		South Dakota.					
Guanajuato	88	48	66.2	0.14		Ganuvalley				1.80	13.0
Leon de Aldamas	89	44	66.0	T.		Howard	72	-15	30.2	.....
Puebla	83	55	68.0	0.02		Texas.					
Tampico	97	60	77.0	0.28		Beaumont	88	25	60.4	2.00	
Topolobampo * ¹	87	55	67.8	T.		Sherman	84	26	55.2	0.96	
Vera Cruz	93 ¹	68	79.4 ¹	0.30		Utah.					
New Brunswick.						Bluecreek * ¹	70	20	42.2	0.20	1.0
St. John	63	24	39.8	4.16	9.5	Vermont.					
Nicaragua.						Cornwall	45	-7	21.6	.....
Rivas	96	78	85.9	0.02		Virginia.					

Late reports for March, 1900.

Alabama.	28	52.2	.	.		Wisconsin.	62	6	39.0	1.36	8.0
Livingston a..	80	28	52.2	.	.	Beloit	54	-2	27.2	1.05	7.5
Alaska.						Wausaukee	52 ¹	-10 ¹	24.0 ¹	0.56	5.0
Coal Harbor	48	5	31.5	4.01	1.0	Dome Lake	46	-3	22.0	2.40	24.0
Juneau	61	-5	33.8	3.06	2.0	Parkman	73	-5	35.6	0.75	.....
Killisnoo	50	-2	32.1	2.40	8.0	Cuba.					
Orca	57	10	35.8	15.74		Guines	80	64	72.2	0.64	
						Mexico.					
						Guanajuato	85	42	62.6	1.04	

EXPLANATION OF SIGNS.

* Extremes of temperature from observed readings of dry thermometer.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4.

² Mean of 8 a. m. + 8 p. m. + 2.

³ Mean of 7 a. m. + 7 p. m. + 2.

⁴ Mean of 6 a. m. + 6 p. m. + 2.

⁵ Mean of 7 a. m. + 2 p. m. + 2.

⁶ Mean of readings at various hours reduced to true daily mean by special tables.

⁷ Mean from hourly readings of thermograph.

⁸ Mean of sunrise and noon.

¹⁰ Mean of sunrise, noon, sunset, and midnight.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston a," "Livingston b," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "14" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

CORRECTION.

March, 1900, New York, Canton, make total precipitation 173 instead of 4.31.

TABLE III.—*Mean temperature for each hour of seventy-fifth meridian time, April, 1900.*

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midn't.	Mean.	
Bismarck, N. Dak....	46.3	44.7	43.4	40.6	39.5	39.6	38.4	39.5	46.6	51.0	54.5	56.5	58.7	60.3	61.5	62.5	61.8	59.9	55.1	52.2	50.2	48.3	50.8		
Boston, Mass.....	43.4	42.8	42.4	42.1	41.7	41.9	43.6	46.4	48.7	50.5	51.8	53.2	54.1	54.2	54.6	54.1	53.3	52.1	49.8	48.3	47.1	46.0	45.1	44.5	
Buffalo, N. Y.....	40.7	40.4	40.5	40.3	40.1	39.8	40.5	41.7	42.8	43.8	44.9	46.0	46.2	46.4	46.4	45.9	46.2	45.5	44.7	44.1	42.5	41.9	42.0	41.5	
Cedar City, Utah....	40.9	40.7	38.9	38.7	38.3	35.0	37.2	36.8	34.0	39.6	42.2	44.1	45.4	46.7	47.5	47.9	49.0	48.5	48.1	45.1	43.0	42.2	41.3	42.7	
Chicago, Ill.....	45.6	44.8	44.3	43.9	43.0	42.7	43.1	43.8	44.7	46.0	46.8	47.4	48.0	48.2	48.7	49.0	49.2	49.0	48.7	48.3	47.4	47.0	46.6	46.4	
Cincinnati, Ohio....	50.9	49.6	48.4	47.4	46.4	45.7	45.8	48.0	49.1	50.0	53.4	55.9	58.0	59.6	61.2	62.6	63.5	62.9	61.0	59.0	57.3	55.8	54.0	52.8	
Cleveland, Ohio....	45.4	44.4	44.5	43.8	43.1	42.6	43.1	43.9	44.7	45.4	46.3	47.2	47.8	47.9	48.7	49.7	50.1	50.7	49.5	48.8	47.7	47.6	46.7	46.3	
Detroit, Mich.....	44.5	43.8	43.0	42.4	42.2	41.7	42.1	44.1	45.7	47.8	49.6	51.7	52.6	54.3	54.8	54.8	54.1	53.3	51.8	50.0	48.4	47.1	46.1	45.5	
Dodge, Kans.....	49.5	48.8	47.9	47.4	46.6	45.3	45.6	45.1	47.3	51.1	54.6	57.0	58.9	59.9	60.6	61.4	61.3	60.9	60.1	58.0	54.6	53.1	51.4	50.8	
Eastport, Me.....	37.0	36.6	36.1	35.6	35.5	35.8	37.2	38.7	40.4	41.7	43.4	44.3	45.0	44.7	45.8	45.6	43.8	42.5	41.4	41.2	39.9	39.3	38.6	37.9	
Galveston, Tex.....	65.7	65.6	65.4	65.2	65.1	65.0	65.1	65.4	66.1	66.7	68.0	69.1	69.5	69.5	69.4	69.6	69.3	69.0	68.3	67.8	67.0	66.8	66.5	65.7	
Havre, Mont.....	46.6	44.9	43.1	42.2	40.9	39.7	38.9	38.1	39.5	41.9	45.8	49.6	53.5	56.0	57.9	59.2	60.2	60.6	59.8	59.2	56.9	53.2	50.3	48.1	
Independence, Cal....	50.8	50.2	49.0	47.9	47.2	46.1	44.9	42.2	42.9	45.5	48.6	51.2	54.2	56.4	58.6	60.2	60.9	60.6	60.1	59.6	58.4	54.9	53.1	51.2	
Kalispell, Mont....	45.0	44.0	43.5	40.8	40.1	38.7	37.6	36.9	37.3	40.4	44.4	48.2	51.3	53.7	55.7	56.7	57.4	58.0	58.0	57.3	55.4	51.9	48.8	46.6	
Kansas City, Mo....	51.6	53.7	53.1	52.4	51.4	50.8	50.1	50.0	51.9	54.6	57.1	60.0	62.1	63.9	65.0	65.8	65.9	65.2	64.2	62.5	60.2	58.8	57.5	56.1	
Key West, Fla.....	72.0	71.8	71.7	71.5	71.5	71.6	72.5	74.4	75.5	75.9	76.8	77.1	77.3	77.4	76.7	75.9	75.0	74.2	74.2	73.6	73.5	73.8	73.0	74.3	
Marquette, Mich....	41.3	41.2	40.1	39.7	39.0	38.9	39.9	39.1	41.2	42.1	43.1	43.7	45.3	46.0	46.8	47.6	47.6	47.2	47.0	46.8	46.2	44.9	43.3	42.5	
Memphis, Tenn.....	58.7	57.9	57.7	56.9	56.2	55.6	55.5	56.2	59.2	61.6	63.7	66.9	68.1	69.7	69.6	67.8	67.5	66.6	64.7	63.4	61.8	60.0	62.5	61.2	
Mt. Tamalpais, Cal....	47.4	47.1	46.3	46.3	46.3	45.8	45.1	45.0	44.4	44.8	45.8	46.9	49.0	50.0	50.9	51.6	52.0	51.9	50.9	49.6	48.6	47.5	47.0	47.3	
New Orleans, La....	64.7	64.2	63.8	63.7	63.3	62.9	62.6	63.9	63.6	63.1	67.3	69.6	71.4	72.7	73.6	74.3	74.5	74.5	73.9	72.2	70.0	68.6	67.2	66.3	
New York, N. Y....	46.8	46.2	45.5	45.0	44.6	44.1	44.8	46.5	49.1	51.6	53.4	55.2	56.1	56.5	57.1	56.9	56.4	55.0	53.4	52.1	50.6	49.7	48.5	48.0	
Philadelphia, Pa....	47.9	47.2	46.9	46.4	46.0	46.1	47.7	49.5	52.0	54.0	55.0	58.0	59.5	61.0	61.6	61.1	60.8	59.3	57.0	55.8	53.2	52.0	49.6	47.3	
Pittsburg, Pa.....	47.9	46.9	45.6	44.8	44.2	44.0	44.4	46.3	49.6	52.8	54.9	56.2	58.0	58.7	59.0	59.4	59.4	58.8	57.1	55.2	53.7	52.0	50.4	49.5	
Portland, Oreg....	52.1	51.0	50.0	49.3	48.5	47.4	47.4	46.4	46.0	44.5	45.3	47.2	49.4	51.8	53.0	55.3	56.7	57.9	58.5	58.7	57.6	56.1	54.2	53.2	
St. Louis, Mo....	55.3	54.4	53.4	52.6	51.7	51.0	50.4	51.3	52.7	54.6	57.4	59.8	61.6	63.2	64.7	65.5	65.6	65.2	64.1	62.4	61.1	59.7	58.3	57.1	
St. Paul, Minn....	48.4	47.4	46.4	45.8	44.9	44.0	43.2	43.1	44.8	47.3	50.5	53.8	56.0	57.9	59.4	60.8	60.7	59.8	58.3	56.2	52.1	50.6	51.9	51.9	
Salt Lake City, Utah....	48.9	46.5	45.7	44.8	44.6	43.0	43.3	43.3	42.0	44.3	46.8	49.8	52.1	53.3	54.0	55.0	54.9	55.5	54.3	51.5	51.7	50.0	48.3	47.4	
San Diego, Cal....	56.2	55.7	54.1	54.5	54.2	53.9	53.5	52.7	52.8	51.1	56.5	58.1	59.5	60.2	60.9	60.5	60.8	60.6	59.3	58.6	57.8	57.3	56.7	51.1	
San Francisco, Cal....	51.4	51.1	50.6	50.3	50.1	49.7	47.4	50.1	49.1	49.8	51.5	53.4	55.4	56.6	57.5	58.1	57.8	57.5	56.9	55.8	53.2	52.6	52.2	50.8	
Santa Fe, N. Mex....	41.4	40.6	39.2	38.1	36.9	36.5	35.4	35.9	38.8	41.3	43.2	45.1	46.7	48.4	50.0	52.0	50.9	50.4	49.0	46.2	43.8	42.7	41.1	43.5	
Savannah, Ga.....	62.5	61.8	60.9	60.3	60.0	59.4	59.6	61.6	64.6	67.8	70.3	72.3	73.9	74.3	74.2	72.5	70.8	68.5	66.9	65.7	65.0	64.3	63.8	66.5	
Washington, D. C....	49.5	48.2	47.0	46.4	45.6	45.4	47.1	50.3	52.2	54.6	56.8	58.4	59.9	61.4	62.5	63.1	62.2	60.3	58.0	56.1	54.6	52.9	51.7	54.5	
<i>West Indies.</i>																									
Basseterre, St. Kitts....	75.5	75.5	75.4	75.1	75.0	76.1	77.5	78.2	79.3	79.9	80.6	81.0	80.8	80.2	79.4	78.2	77.4	76.7	76.4	76.7	76.3	76.1	75.8	77.5	
Bridgetown, Bar....	75.7	75.5	75.3	75.0	75.3	77.3	80.0	81.9	82.3	83.9	84.6	84.7	84.0	83.6	83.0	81.9	79.9	78.9	78.1	77.5	77.2	76.9	76.6	79.4	
Cienfuegos, Cuba*	72.3	71.2	70.7	70.0	69.0	69.2	70.3	75.8	79.0	81.7	83.5	84.7	84.8	83.8	82.3	81.7	80.6	79.6	78.6	77.8	76.4	75.5	74.7	74.1	
Havana, Cuba.....	71.9	71.0	70.5	70.2	70.0	69.6	70.1	73.1	76.0	78.3	79.8	80.6	80.7	80.4	80.7	79.9	79.4	78.6	77.8	76.4	75.5	74.7	73.8	72.5	
Kingston, Jamaica....	72.1	71.5	71.2	70.9	70.8	70.4	71.6	77.3	80.2	82.0	84.1	83.5	83.5	83.5	82.6	82.2	81.2	79.9	77.7	76.8	74.2	74.0	73.2	72.6	
Port of Spain, Trin....	74.9	74.6	74.3	74.0	73.9	74.6	77.5	78.1	81.3	84.6	85.7	85.9	85.7	85.5	84.7	84.3	84.1	83.4	81.5	79.2	78.1	77.9	76.9	74.4	
P. Principe, Cuba....	68.4	67.9	66.9	66.7	66.2	65.9	67.2	73.4	75.6	78.4	80.9	83.5	84.7	84.2	83.9	81.6	80.4	77.6	75.0	72.4	71.5	69.9	69.1	74.8	
Roseau, Dominica....	76.1	75.8	75.6	75.4	75.3	76.5	79.5	80.9	81.7	82.8	83.5	83.9	84.1	84.3	83.3	82.3	80.7	79.3	78.3	77.6	76.8	76.6	76.3	79.8	
San Juan, P. R....	74.1	73.5	72.7	73.2	73.2	73.8	77.5	78.3	79.4	80.6	81.2	81.3	81.4	80.7	79.3	78.3	78.8	76.8	76.3	76.2	75.6	75.0	74.7	74.9	
Santiago de Cuba....	72.4	71.9	73.4	71.0	70.5	70.4	74.1	76.7	81.3	83.7	85.7	86.0	86.1	85.4	84.1	83.0	81.1	79.4	77.9	77.1	76.3	75.4	74.0	73.9	
Santo Domingo, S. D....	71.7	71.1	70.7	70.3	70.1	70.2	73.5	76.1	78.8	80.9	81.1	82.0	82.0	81.9	81.2	79.9	77.0	76.7	74.5	73.7	72.1	71.9	70.9	70.5	
Willemstad, Curaçao	77.8	77.4	77.2	77.1	77.2	79.3	80.7	81.7	82.4	83.3	83.7	84.4	84.4	83.8	83.1	81.2	80.0	79.1	78.9	78.6	78.5	78.4	78.3	80.1	

* 23 days.

TABLE IV.—*Mean pressure for each hour of seventy-fifth meridian time, April, 1900.*

Stations.	Time.												Mean.												
	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Mdn't.	
Bismarck, N. Dak.	28.236	.240	.241	.248	.250	.251	.261	.265	.277	.279	.275	.288	.251	.297	.228	.211	.199	.193	.198	.193	.209	.218	.222	.227	.226
Boston, Mass.	29.825	.829	.813	.815	.820	.827	.833	.833	.832	.825	.814	.802	.791	.781	.773	.773	.782	.789	.806	.823	.830	.881	.879	.828	.812
Buffalo, N. Y.	29.188	.185	.181	.186	.192	.202	.217	.218	.222	.224	.220	.211	.203	.195	.186	.182	.178	.179	.184	.186	.189	.187	.187	.186	.195
Cedar City, Utah	24.115	.112	.112	.108	.102	.099	.096	.099	.110	.117	.121	.127	.128	.121	.111	.101	.093	.085	.082	.084	.088	.093	.110	.114	.106
Chicago, Ill.	29.156	.158	.157	.157	.156	.160	.169	.182	.184	.188	.183	.174	.164	.152	.139	.136	.133	.132	.137	.141	.144	.144	.157		
Cincinnati, Ohio	29.369	.368	.369	.369	.372	.379	.391	.396	.393	.392	.384	.374	.359	.348	.334	.328	.328	.329	.331	.336	.354	.357	.360	.360	.362
Cleveland, Ohio	29.214	.214	.214	.216	.224	.234	.241	.247	.250	.252	.248	.242	.231	.222	.210	.203	.197	.196	.200	.209	.211	.208	.205	.206	.221
Detroit, Mich.	29.243	.237	.240	.241	.245	.254	.263	.270	.272	.275	.272	.265	.253	.244	.231	.223	.222	.221	.225	.234	.235	.237	.234	.234	
Dodge, Kans.	27.296	.294	.291	.288	.287	.288	.293	.302	.310	.312	.309	.304	.293	.290	.288	.284	.284	.284	.285	.285	.286	.288	.289	.289	.283
Eastport, Me.	29.778	.773	.703	.772	.780	.790	.797	.801	.805	.803	.794	.786	.777	.770	.763	.762	.769	.775	.788	.793	.795	.789	.784	.784	
Galveston, Tex.	29.857	.852	.841	.837	.841	.849	.850	.868	.882	.887	.891	.891	.876	.863	.849	.829	.817	.805	.804	.806	.822	.839	.843	.846	.846
Havre, Mont.	27.296	.302	.304	.302	.300	.303	.308	.314	.322	.324	.323	.323	.317	.308	.297	.285	.276	.269	.267	.270	.278	.286	.289	.297	
Independence, Cal.	25.861	.866	.870	.870	.868	.867	.867	.867	.876	.885	.895	.891	.887	.873	.857	.857	.852	.852	.856	.856	.860	.873	.884	.882	.883
Kalispell, Mont.	26.853	.860	.864	.869	.871	.872	.877	.884	.889	.894	.891	.892	.891	.889	.886	.856	.841	.837	.819	.814	.813	.813	.816	.816	.857
Kansas City, Mo.	28.955	.951	.948	.950	.949	.950	.950	.958	.973	.977	.981	.984	.977	.963	.946	.931	.917	.906	.910	.919	.929	.941	.946	.947	.946
Key West, Fla.	29.992	.983	.973	.971	.974	.981	.995	.007	.016	.018	.019	.009	.006	.990	.964	.948	.943	.939	.946	.962	.976	.985	.986	.986	.981
Marquette, Mich.	29.266	.268	.271	.270	.274	.283	.293	.292	.295	.294	.290	.285	.277	.268	.255	.251	.241	.246	.246	.250	.258	.260	.263	.270	
Memphis, Tenn.	29.561	.555	.558	.553	.559	.568	.580	.594	.598	.603	.600	.596	.580	.569	.546	.534	.527	.520	.515	.523	.537	.544	.545	.551	.559
Mt. Tamalpais, Cal.	27.503	.502	.502	.499	.490	.494	.484	.478	.476	.482	.494	.504	.514	.526	.529	.527	.525	.516	.506	.500	.495	.498	.497	.505	.501
New Orleans, La.	29.920	.910	.901	.899	.906	.910	.925	.938	.945	.952	.953	.948	.937	.917	.903	.888	.880	.878	.878	.882	.896	.905	.908	.912	
New York, N. Y.	29.662	.657	.655	.655	.660	.666	.677	.678	.676	.671	.655	.642	.625	.612	.598	.596	.600	.608	.620	.642	.653	.655	.660	.660	
Philadelphia, Pa.	29.908	.903	.899	.898	.904	.916	.922	.923	.924	.918	.908	.894	.879	.866	.853	.848	.851	.851	.867	.871	.883	.895	.905	.902	.892
Pittsburg, Pa.	29.129	.123	.125	.130	.134	.145	.155	.158	.157	.156	.146	.135	.122	.109	.096	.089	.088	.087	.099	.103	.114	.116	.118	.118	.186
Portland, Oreg.	29.870	.873	.878	.879	.876	.876	.876	.876	.879	.883	.892	.895	.895	.892	.886	.876	.871	.864	.856	.849	.844	.848	.859	.869	.872
St. Louis, Mo.	29.381	.370	.376	.374	.376	.384	.397	.408	.416	.416	.416	.406	.398	.388	.368	.356	.348	.343	.342	.346	.360	.369	.371	.372	.378
St. Paul, Minn.	29.127	.128	.125	.128	.130	.133	.140	.149	.152	.150	.150	.144	.134	.122	.112	.104	.097	.092	.089	.090	.100	.110	.118	.120	.128
Salt Lake City, Utah	25.484	.485	.483	.478	.474	.473	.473	.476	.488	.496	.498	.490	.489	.479	.473	.465	.460	.457	.458	.460	.467	.479	.484	.478	
San Diego, Cal.	29.881	.881	.879	.874	.865	.861	.859	.861	.871	.882	.892	.897	.900	.895	.889	.881	.872	.864	.856	.859	.860	.867	.876	.885	.876
San Francisco, Cal.	29.849	.850	.848	.843	.847	.852	.851	.853	.853	.855	.860	.866	.871	.870	.864	.856	.847	.837	.831	.825	.827	.849	.852	.851	.845
Santa Fe, N. Mex.	29.185	.185	.183	.186	.181	.189	.188	.190	.192	.193	.195	.193	.190	.187	.185	.183	.180	.179	.175	.174	.172	.171	.170	.167	
Savannah, Ga.	29.952	.946	.945	.947	.954	.965	.963	.990	.996	.997	.993	.979	.962	.944	.924	.916	.912	.912	.919	.928	.940	.945	.943	.943	.951
Washington, D. C.	29.919	.917	.917	.917	.927	.937	.918	.919	.949	.947	.938	.926	.906	.888	.870	.860	.859	.868	.866	.893	.898	.901	.906	.908	
<i>West Indies</i>																									
Basseterre, St. Kitts	29.935	.923	.917	.921	.935	.951	.972	.981	.986	.982	.972	.954	.937	.922	.914	.914	.919	.920	.947	.962	.970	.970	.963	.949	.947
Bridgeport, Bar.	29.900	.893	.893	.898	.911	.924	.937	.945	.947	.940	.928	.909	.889	.877	.869	.871	.878	.891	.907	.928	.931	.933	.926	.913	.910
Cienfuegos, Cuba*	29.880	.869	.860	.860	.868	.880	.900	.910	.914	.914	.905	.893	.873	.858	.845	.833	.844	.845	.856	.874	.889	.898	.897	.893	.877
Havana, Cuba	29.924	.914	.904	.903	.910	.919	.919	.934	.947	.951	.953	.940	.928	.909	.901	.880	.879	.885	.896	.906	.921	.930	.932	.927	.918
Kingston, Jamaica	29.632	.618	.608	.609	.616	.613	.633	.654	.664	.668	.661	.651	.634	.613	.594	.582	.573	.576	.586	.606	.623	.636	.647	.641	.624
Port of Spain, Trin.	29.853	.854	.843	.849	.860	.875	.891	.900	.900	.891	.874	.852	.825	.809	.803	.805	.815	.835	.853	.865	.878	.882	.887	.865	.856
P. Principe, Cuba	29.617	.604	.598	.602	.612	.626	.642	.652	.656	.657	.647	.632	.613	.594	.582	.573	.576	.582	.595	.610	.622	.635	.640	.635	.626
Roseau, Dominica	29.909	.902	.901	.905	.915	.927	.940	.954	.957	.958	.941	.925	.906	.893	.885	.883	.891	.902	.914	.930	.939	.940	.934	.922	.919
San Juan, P. R.	29.885	.873	.870	.878	.886	.900	.913	.886	.892	.887	.871	.855	.833	.814	.803	.799	.809	.820	.837	.855	.872	.874	.865	.860	.860
Santiago de Cuba	29.858	.840	.834	.849	.849	.861	.878	.886	.893	.892	.887	.871	.855	.833	.814	.803	.799	.809	.820	.837	.855	.872	.874	.865	.860
Santo Domingo, S. D.	29.921	.905	.899	.898	.911	.930	.948	.963	.969	.962	.950	.933	.913	.891	.877	.868	.877	.893	.909	.928	.938	.948	.946	.934	.921
Willemstad, Curaçao	29.797	.789	.783	.789	.801	.815	.835	.846	.847	.841	.824	.804	.770	.752	.733	.726	.781	.748	.776	.815	.826	.836	.832	.813	.795

* 23 days.

TABLE V.—Average wind movement for each hour of seventy-fifth meridian time, April, 1900.

Stations.	Hourly Wind Movement (Miles per Hour)												Hourly Wind Movement (Miles per Hour)												
	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Mean.
Abilene, Tex.	10.3	10.6	10.3	9.7	8.5	7.9	8.7	8.9	8.7	8.9	9.7	10.4	11.0	11.1	11.2	12.1	12.2	12.0	10.8	8.9	8.9	10.1	10.4	10.1	
Albany, N.Y.	5.7	5.9	6.3	6.2	5.4	5.7	6.0	7.2	8.5	8.7	9.8	10.5	11.6	12.2	12.4	12.3	10.6	8.7	8.1	7.3	6.3	5.7	5.4	8.3	
Alpena, Mich.	6.9	6.7	7.7	8.1	8.5	8.1	8.8	9.8	10.4	11.0	10.6	11.1	11.0	10.8	11.1	9.8	9.2	8.4	7.0	5.7	6.5	6.5	8.7		
Amarillo, Tex.	14.8	15.1	14.5	14.7	14.9	14.7	14.5	14.2	15.3	17.0	19.6	20.1	21.0	19.1	19.7	21.1	19.7	18.1	17.2	17.6	17.0	16.8	17.4		
Atlanta, Ga.	10.2	9.8	8.7	8.6	8.7	8.3	8.2	8.6	8.9	9.2	9.9	10.2	10.0	10.6	11.2	11.6	11.9	10.6	10.1	11.0	10.0	10.1	10.0	9.9	
Atlantic City, N.J.	11.1	10.4	9.3	8.4	8.4	8.7	9.8	11.3	11.9	12.1	12.8	13.7	13.7	18.5	13.2	19.3	13.3	12.1	11.7	11.3	11.2	11.5	11.5	11.5	
Augusta, Ga.	5.1	4.8	4.6	4.1	4.2	4.4	3.9	4.4	5.6	6.5	6.8	7.2	8.9	9.4	8.7	8.6	7.1	6.3	5.7	5.3	5.8	5.6	6.3		
Baker City, Oreg.	6.0	6.7	7.4	6.9	6.7	6.2	6.0	5.9	6.2	6.9	7.9	9.1	9.5	11.1	11.4	11.7	12.5	12.7	11.7	11.1	9.4	8.7	7.7	7.1	8.6
Baltimore, Md.	3.5	4.2	4.1	3.6	3.7	4.1	3.6	4.9	5.6	5.8	6.0	6.6	7.1	7.5	6.9	6.6	6.4	5.8	4.2	3.6	4.0	4.6	4.0	3.8	5.0
Bismarck, N.Dak.	9.2	8.6	8.3	7.7	7.0	6.7	6.3	6.5	7.9	9.9	11.0	12.2	13.7	14.2	18.9	13.8	13.7	13.3	11.2	9.0	8.7	8.7	8.6	10.2	
Block Island, R.I.	14.0	13.3	14.0	13.8	14.1	13.8	14.4	15.2	14.6	14.1	14.2	15.5	16.9	16.8	17.7	18.9	17.3	18.1	18.2	18.0	16.5	15.5	14.3	18.6	15.5
Boise, Idaho.	5.1	5.2	5.5	5.4	4.8	4.9	4.9	4.6	4.6	5.0	5.6	6.7	8.4	8.4	9.2	9.9	10.6	10.1	10.4	9.9	8.1	6.9	5.8	5.1	6.9
Boston, Mass.	9.4	9.4	9.4	9.3	9.6	9.7	10.5	11.8	12.4	12.1	12.2	12.1	12.4	12.7	13.1	14.3	13.3	11.9	11.4	11.6	11.3	10.6	10.1	11.5	
Buffalo, N.Y.	10.6	10.9	10.7	10.7	11.6	11.6	11.4	11.9	13.1	13.8	14.4	14.3	14.8	14.7	14.2	14.3	13.4	12.7	12.1	11.8	11.9	11.1	10.3	12.6	
Cairo, Ill.	6.9	7.5	6.8	6.7	6.4	6.9	6.8	7.7	8.3	9.9	10.6	11.0	11.3	11.0	10.9	11.2	11.2	10.7	9.8	8.2	7.9	7.4	7.2	6.9	8.7
Cape Henry, Va.	12.2	12.1	11.8	12.0	11.4	10.8	11.4	12.0	12.3	12.9	13.2	12.8	12.6	11.7	11.5	11.2	10.1	8.9	8.8	9.4	10.5	11.0	11.6	11.5	
Carson City, Nev.	8.0	7.0	7.5	5.8	5.8	6.8	5.4	6.1	6.7	6.4	6.8	7.5	9.2	10.2	11.9	11.8	12.8	11.8	12.5	12.2	10.4	8.4	8.4	8.8	
Cedar City, Utah.	5.9	6.0	5.7	5.1	5.0	5.2	5.7	5.6	5.4	5.2	5.0	5.3	7.5	8.2	8.8	9.0	8.7	9.1	9.0	8.8	6.8	5.8	5.7	6.1	6.6
Charleston, S.C.	9.8	9.2	10.1	10.0	9.4	9.1	9.2	10.2	10.8	11.9	12.7	12.3	13.9	14.6	14.5	13.9	13.1	10.9	9.8	9.0	9.5	10.0	9.7	11.1	
Charlotte, N.C.	6.3	5.9	5.5	5.5	5.4	5.8	5.8	6.4	7.6	7.6	8.1	7.9	7.6	7.5	8.4	8.6	8.2	7.8	6.4	6.1	6.6	6.5	6.5	6.9	
Chattanooga, Tenn.	4.3	4.8	4.3	4.2	4.5	5.1	5.3	5.3	6.3	7.4	7.5	8.0	8.5	9.1	10.8	10.6	9.4	8.9	8.7	6.6	6.2	5.2	4.4	6.6	
Cheyenne, Wyo.	7.3	7.0	7.8	7.4	7.6	7.1	8.0	7.7	8.3	8.4	10.3	10.7	10.6	11.7	12.0	12.2	11.6	12.0	10.9	9.1	9.1	7.8	8.2	9.8	
Chicago, Ill.	17.8	16.8	17.0	16.7	16.6	16.4	16.9	16.6	16.0	15.8	16.8	16.0	17.9	17.8	18.5	18.1	18.3	18.8	19.0	18.4	17.3	17.2	17.5		
Cincinnati, Ohio.	7.1	6.8	6.3	6.1	5.8	5.6	5.7	6.4	7.6	9.1	9.8	9.9	11.2	11.2	11.8	11.4	11.5	10.4	9.3	8.9	8.7	8.2	7.9	8.7	
Cleveland, Ohio.	13.0	12.0	12.2	12.8	12.9	13.9	13.7	14.0	14.3	14.1	15.2	15.4	15.4	14.9	14.4	13.6	13.1	13.0	13.1	12.5	12.4	13.6			
Columbia, Mo.	8.6	8.6	8.0	7.6	8.1	8.0	8.2	8.8	9.1	10.4	10.7	10.9	11.2	11.4	11.3	10.9	10.2	8.9	9.2	9.4	8.7	8.3	9.6		
Columbus, Ohio.	7.3	7.1	6.4	6.4	6.6	6.4	6.1	6.9	8.1	9.9	10.2	10.3	10.7	11.5	11.0	10.9	10.2	8.5	7.8	7.7	7.4	8.4	8.8		
Concordia, Kans.	7.1	6.6	6.8	6.5	6.8	6.8	6.2	6.4	7.9	10.3	11.4	11.1	11.4	11.7	11.4	12.0	12.3	11.8	10.3	7.7	7.0	7.0	8.8		
Corpus Christi, Tex.	15.2	14.1	13.1	13.1	12.4	12.4	11.8	11.5	11.2	11.1	12.4	13.5	13.6	14.6	14.7	14.9	16.1	16.0	17.3	16.5	16.2	16.6	14.6		
Davenport, Iowa.	6.9	7.1	6.8	7.2	6.5	6.5	6.9	7.3	7.9	8.8	10.1	10.5	10.6	10.7	10.8	10.6	10.5	9.8	9.9	7.1	7.0	7.3			
Denver, Colo.	7.3	8.8	8.0	8.1	8.5	8.7	9.0	8.2	8.0	7.9	8.2	8.2	8.7	9.5	9.9	9.9	10.7	10.1	10.4	9.2	8.7	8.1	7.6	8.8	
Des Moines, Iowa.	7.6	7.3	7.4	7.5	7.9	7.0	7.2	7.4	8.5	9.3	9.6	10.1	10.6	11.0	12.3	12.9	12.6	11.5	10.6	9.6	8.5	7.7	7.6	9.3	
Detroit, Mich.	8.1	8.4	8.2	8.7	8.8	8.9	8.9	9.7	10.2	10.8	11.2	11.7	11.7	11.6	11.4	11.6	11.1	10.7	10.0	8.9	8.6	8.2	7.9	9.6	
Dodge, Kans.	11.3	11.2	11.4	10.4	9.8	9.8	9.9	9.9	10.8	12.1	14.0	15.7	15.4	16.3	17.4	17.7	17.3	16.0	14.8	14.8	11.9	12.2	18.0		
Dubuque, Iowa.	5.0	5.0	4.6	4.5	4.7	4.2	4.2	4.7	6.0	8.1	9.7	10.3	10.5	11.0	11.1	10.8	10.6	9.6	8.5	7.4	7.3	6.4	5.8		
Duluth, Minn.	7.6	7.5	7.9	9.1	9.0	8.8	9.3	9.3	10.2	11.8	12.5	12.6	12.9	12.9	12.6	12.6	13.6	13.1	12.8	12.7	11.8	11.5	10.4		
Eastport, Me.	9.9	10.0	10.1	10.0	10.0	10.6	10.7	11.6	11.1	11.9	13.3	13.6	14.3	14.7	14.7	14.0	13.2	12.1	10.4	9.2	8.3	8.3	11.2		
Elkins, W. Va.	3.3	3.2	2.8	3.0	3.1	2.7	3.3	3.5	4.3	4.8	6.8	7.7	8.1	8.3	8.7	8.5	7.9	7.8	6.1	4.9	4.3	4.0	3.8	5.2	
El Paso, Tex.	11.7	11.2	11.1	11.7	11.4	11.2	11.0	10.8	10.1	11.1	12.0	13.4	14.7	15.7	16.2	17.0	18.1	18.8	19.0	18.2	16.1	12.6	13.6		
Erie, Pa.	8.8	9.2	8.8	8.6	8.7	8.7	8.8	8.7	9.9	11.4	11.6	11.6	12.0	11.7	11.1	10.7	9.8	9.2	8.5	7.7	8.1	8.6	9.5		
Escanaba, Mich.	6.2	5.9	5.6	6.0	6.2	6.5	5.8	6.5	6.2	6.4	7.2	8.2	9.5	10.0	10.3	10.3	10.3	9.7	8.7	7.7	6.7	6.5	6.5	7.5	
Eureka, Cal.	8.5	7.8	7.0	6.6	6.3	5.9	5.5	6.2	5.6	5.0	5.3	6.5	8.9	10.9	12.9	13.5	15.7	16.2	16.5	15.7	13.2	11.5	9.9	9.6	
Evansville, Ind.	6.6	6.7	6.3	6.6	6.3	7.0	7.2	7.4	8.0	8.7	9.3	9.0	8.4	9.4	9.7	10.0	9.6	9.2	8.8	7.8	6.5	6.6	6.9	7.7	
Fort Smith, Ark.	6.1	5.8	6.3	5.8	6.0	6.1	6.5	6.8	7.7	7.9	8.6	9.4	10.6	11.0	11.0	10.2	9.5	9.2	8.1	6.6	6.4	6.4	7.9		
Fort Worth, Tex.	12.0	11.6	10.6	11.5	10.7	10.2	11.2	11.8	13.5	13.4	14.5	14.9	15.0	16.8	17.6	18.1	18.3	18.1	18.2	18.2	18.2	18.2	18.2		
Fresno, Cal.	6.7	6.2	5.8	5.3	5.1	4.9	4.4	4.3	4.6	4.9	5.8	7.0	7.5	7.0	6.9	7.1	6.7	7.0	6.9	6.8	6.2	6.7	6.1	6.1	
Galveston, Tex.	9.3	9.2	9.5	9.2	9.8	9.7	10.2	10.1	10.6	10.8	10.3	10.9	11.2	12.1	13.1	12.2	11.6	10.6	10.4	9.7	9.5	9.6	10.3		
Grand Haven, Mich.	8.0	8.7	8.3	8.1	8.2	8.0	7.6	8.9	9.6	10.0	10.6	11.4	11.1	11.2	11.5	11.8	11.1	10.1	9.4	9.0	8.8	9.0	9.4		
Grand Junction, Colo.	5.6	5.4	5.1	5.4	5.5	5.4																			

TABLE V.—Average wind movement, etc.—Continued.

Stations.	Wind Movement																		Midnight	Mean.					
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.		
New York, N. Y.	12.7	12.7	12.4	11.5	11.4	11.9	11.7	12.7	13.2	14.2	15.3	15.9	17.3	19.0	19.9	21.8	22.0	21.7	20.4	18.0	16.8	16.2	15.6	13.3	15.7
Norfolk, Va.	8.7	8.6	8.4	8.2	8.4	7.8	8.5	9.1	9.8	10.9	11.2	11.1	11.1	11.0	10.6	11.2	11.0	9.8	8.5	8.1	8.1	8.7	8.8	8.2	9.4
Northfield, Vt.	6.5	6.4	6.9	6.9	7.2	6.2	6.3	8.2	9.8	12.0	14.3	14.5	15.3	14.4	15.1	14.4	13.5	10.8	8.7	6.9	6.7	6.4	6.5	6.5	9.6
North Platte, Nebr.	11.1	10.6	10.3	9.0	9.1	8.8	8.2	8.6	9.4	10.9	11.9	13.2	14.9	15.0	14.6	14.6	14.7	14.1	14.5	14.2	12.6	11.1	10.4	10.8	11.8
Oklahoma, Okla.	9.7	9.0	8.8	8.7	9.3	8.9	9.0	9.5	10.5	12.7	13.7	13.7	14.5	14.9	15.5	15.3	15.2	18.3	11.3	9.3	8.8	9.4	9.5	11.5	
Omaha, Nebr.	8.1	7.6	7.6	7.5	7.2	7.3	6.8	7.6	7.7	8.5	9.6	10.8	11.7	11.5	11.7	12.1	11.4	11.0	10.9	9.4	9.0	8.7	8.9	8.2	9.2
Oswego, N. Y.	9.5	9.1	9.7	9.8	10.0	9.9	10.4	10.8	11.5	11.3	11.9	12.2	12.8	12.0	11.8	11.4	10.4	9.8	7.7	7.3	7.6	8.7	8.8	8.9	10.1
Palestine, Tex.	7.1	7.1	6.4	6.9	6.7	6.7	6.8	6.2	7.1	8.8	9.4	9.4	10.0	10.6	9.9	10.2	9.3	10.0	9.1	8.1	6.8	7.1	7.2	7.0	8.1
Parkersburg, W. Va.	4.8	4.2	4.3	3.9	4.6	4.0	3.7	4.1	5.6	6.8	7.8	8.1	9.8	9.9	10.0	9.9	9.7	9.8	8.7	6.7	5.4	5.0	4.7	4.6	6.5
Pensacola, Fla.	8.2	8.2	8.5	8.2	8.1	8.0	9.3	9.4	9.6	10.4	10.1	11.4	12.0	11.9	11.1	11.7	13.1	10.5	8.8	8.1	8.3	8.2	9.7	8.2	
Phenix, Ariz.	8.5	8.5	8.7	4.0	8.9	3.8	3.9	4.2	4.6	4.8	5.0	5.8	5.7	5.8	6.3	7.0	7.5	7.1	6.8	5.9	4.8	4.8	4.2	4.0	5.0
Philadelphia, Pa.	9.7	9.7	8.9	8.8	8.6	8.8	10.4	10.4	11.1	12.0	12.1	12.4	13.7	13.5	14.0	14.1	14.5	14.4	12.7	11.6	11.4	11.0	10.6	10.3	11.4
Pierre, S. Dak.	12.8	11.6	11.5	11.1	11.3	11.3	11.6	11.4	12.2	12.8	14.1	16.1	17.8	18.2	18.6	18.1	17.6	17.2	15.4	13.3	12.7	12.1	14.1	14.1	
Pittsburg, Pa.	5.1	5.3	4.7	5.0	5.2	5.2	5.9	6.0	6.7	7.8	8.3	9.2	9.4	9.6	9.9	9.8	9.7	8.9	6.1	5.8	5.9	5.7	5.2	7.0	
Pocatello, Idaho.	7.6	8.1	8.3	8.5	8.2	8.1	8.0	9.3	9.4	9.6	10.4	10.1	11.4	12.0	11.9	11.1	11.7	13.1	10.5	8.9	9.3	8.0	7.0	7.4	7.9
Point Reyes Lt., Cal.	22.9	22.8	23.0	21.9	22.0	21.8	20.8	20.3	19.7	18.8	19.9	19.5	20.7	21.7	23.1	22.7	24.2	24.6	23.5	26.0	26.5	27.0	26.6	28.8	22.6
Port Crescent, Wash.	8.7	8.6	8.2	8.4	8.3	8.1	8.3	8.4	8.1	8.3	8.8	5.0	6.8	6.8	7.1	7.5	7.9	8.0	6.8	7.3	6.3	5.6	4.5	4.5	5.1
Port Huron, Mich.	9.8	9.8	9.8	10.1	10.1	10.1	10.1	11.1	11.8	12.5	12.9	13.3	13.4	14.0	13.0	11.7	10.3	9.1	9.5	10.1	9.3	9.3	11.0		
Portland, Me.	6.0	5.9	5.8	5.7	5.8	6.3	6.9	8.7	9.5	10.4	11.0	11.4	11.4	11.3	9.7	8.6	7.4	6.9	6.6	6.2	6.2	6.2	8.4		
Portland, Oreg.	7.3	7.9	7.5	6.3	6.1	5.8	6.4	6.2	6.7	7.3	7.8	8.7	10.6	10.3	10.2	9.8	9.8	9.5	10.0	10.6	10.0	8.3	7.9	8.1	
Pueblo, Colo.	7.9	7.8	7.1	7.0	6.0	5.5	5.4	5.2	5.7	7.1	7.6	8.2	9.1	9.8	10.8	11.0	11.7	12.1	10.8	9.7	9.1	9.1	7.7	8.4	
Raleigh, N. C.	5.2	4.9	4.4	4.4	4.1	4.6	4.6	5.6	6.5	7.0	7.1	7.4	7.8	7.9	7.6	7.4	6.6	5.5	5.2	5.4	5.2	5.9	5.9		
Rapid City, S. Dak.	7.2	6.6	6.8	6.6	6.8	6.3	6.6	5.9	6.0	7.0	8.9	10.0	11.1	11.2	11.3	10.9	10.7	10.1	8.6	7.7	6.4	7.1	7.8	8.1	
Red Bluff, Cal.	6.7	5.9	6.1	6.1	6.4	6.8	6.8	5.9	6.1	6.0	6.9	8.5	9.8	9.4	9.6	8.9	9.1	9.3	8.4	7.1	6.4	6.3	7.5		
Richmond, Va.	6.1	5.7	5.9	6.1	6.1	5.8	6.0	6.7	7.3	7.8	8.1	7.8	8.4	8.5	8.3	7.5	7.1	6.9	6.3	5.3	5.7	6.8			
Rochester, N. Y.	5.9	5.7	5.7	5.6	5.8	5.9	6.6	7.6	8.2	8.7	9.7	9.9	10.6	10.6	11.0	10.8	10.7	9.7	8.4	7.4	7.1	6.7	6.4	6.0	7.9
Roseburg, Oreg.	2.6	2.3	2.7	2.6	2.4	2.6	2.1	2.0	1.7	2.1	2.4	3.7	4.1	5.0	6.0	6.6	6.5	7.0	7.1	5.8	4.6	3.1	4.1		
Sacramento, Cal.	8.3	8.7	9.2	9.2	9.4	9.9	10.1	10.1	9.6	9.4	9.9	10.6	11.5	11.8	12.0	12.3	12.3	11.9	11.8	11.2	10.1	9.0	8.8	10.4	
St. Louis, Mo.	8.9	9.4	9.6	10.0	10.1	10.1	10.2	10.7	10.7	10.2	10.8	11.4	11.1	11.6	11.4	11.3	11.8	11.6	10.9	10.1	9.7	9.8	10.6		
St. Paul, Minn.	5.9	5.9	5.7	6.4	6.0	6.0	5.8	6.2	6.7	7.3	7.8	8.1	9.7	10.3	11.2	11.5	11.7	10.7	9.6	8.1	7.3	6.8	6.2	8.0	
Salt Lake City, Utah.	5.1	5.2	5.1	5.5	5.2	5.0	4.6	5.4	5.0	4.5	5.5	7.0	9.2	10.4	11.7	11.5	12.4	11.5	10.4	8.9	8.1	7.0	5.8	5.8	7.3
San Antonio, Tex.	9.3	8.8	7.4	7.9	8.2	8.6	7.7	7.3	7.4	8.9	9.9	10.1	11.5	10.8	11.1	11.4	11.0	10.3	9.3	10.2	10.6	10.4	9.5		
San Diego, Cal.	5.4	5.4	5.2	5.3	6.1	5.7	5.5	4.8	4.8	5.0	5.5	6.2	8.3	9.6	11.0	11.6	11.9	12.0	11.1	10.8	9.5	8.1	6.9	5.6	7.5
Sandusky, Ohio.	6.7	6.6	6.8	7.1	6.9	6.6	7.1	7.5	8.2	8.7	9.0	9.5	9.4	9.9	9.7	8.9	8.3	8.1	7.5	6.5	6.5	6.6	6.4	7.7	
San Francisco, Cal.	10.6	9.0	8.1	8.2	8.3	8.0	7.5	7.8	7.6	7.8	9.0	9.4	10.7	11.7	13.3	15.9	17.9	18.8	19.1	18.5	17.1	15.1	13.4	11.1	11.8
San Luis Obispo, Cal.	2.4	2.4	2.4	2.5	2.5	3.0	2.8	2.9	2.9	2.9	3.4	4.5	5.5	5.5	6.7	8.6	10.7	11.6	11.7	11.6	11.3	9.5	7.3	4.5	5.7
Santa Fe, N. Mex.	6.7	5.8	5.8	5.5	5.7	5.1	4.4	4.1	5.1	6.4	7.5	8.5	10.2	10.7	11.6	12.0	11.6	11.2	11.0	8.3	6.2	5.9	6.6	7.9	
Sault Ste. Marie, Mich.	6.4	6.4	6.2	6.3	6.2	6.6	6.0	6.0	5.9	6.8	7.2	8.1	9.0	9.8	10.7	11.0	11.5	10.5	9.5	8.9	8.4	9.1	5.1	7.5	
Savannah, Ga.	7.8	7.2	7.2	7.1	6.7	7.4	7.8	7.9	8.7	8.6	8.4	8.8	9.6	10.8	11.0	11.7	11.9	9.9	8.5	8.0	8.4	8.0	7.9	8.6	
Seattle, Wash.	4.1	4.2	4.1	4.1	4.0	4.1	4.0	3.9	3.3	4.2	4.3	4.8	5.5	5.6	6.1	6.7	7.3	7.7	8.5	7.6	7.0	5.9	5.2	5.3	
Shreveport, La.	6.4	6.0	5.9	6.0	5.6	5.5	5.0	4.7	5.6	6.8	8.1	8.7	9.2	9.5	9.5	9.5	9.7	9.1	8.6	7.1	6.5	7.8	7.3	6.7	7.3
Sioux City, Iowa.	18.1	12.6	11.5	11.1	11.3	12.4	12.8	12.4	13.0	13.7	14.3	15.6	16.7	16.8	17.3	18.0	18.6	18.8	17.3	16.1	15.4	14.8	14.7	13.6	14.4
Spokane, Wash.	4.8	4.8	4.5	4.1	4.6	5.1	5.2	5.6	5.6	5.8	6.1	6.2	6.8	7.1	7.6	7.5	7.5	7.8	7.5	6.6	5.8	5.3	6.1		
Springfield, Ill.	9.2	9.9	10.0	9.9	9.5	10.0	9.7	10.4	10.9	11.9	11.1	13.5	11.5	11.3	11.3	11.1	11.2	10.9	9.2	9.3	9.2	9.2	9.2	10.4	
Springfield, Mo.	10.2	10.8	10.1	11.2	10.9	10.6	11.2	10.6	11.6	12.2	12.3	12.8	12.8	12.9	12.4	12.4	13.0	12.1	11.3	10.2	9.6	8.9	9.5	10.2	11.1
Tacoma, Wash.	5.0	4.7	4.8	4.9	4.9	5.0	5.0	6.6	7.0	8.4	8.4	8.0	7.9	8.1	8.5	9.0	9.8	8.9	7.6	6.4	5.3	4.8	5.2	5.3	6.7
Toledo, Ohio.	8.5	8.8	8.6	8.6	9.0	8.9	9.9	10.6	11.1	12.4	12.8	13.6	13.5	13.4	13.2	13.1	11.9	10.2	9.7	8.8	8.6	8.3	8.1	10.5	
Valentine, Nebr.	10.6	10.0	10.1	9.8	9.7	10.1	9.8	9.9																	

TABLE VI.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of April, 1900.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>													
Eastport, Me.	26	10	12	22	n. 32 w.	19	St. Paul, Minn.	17	19	24	14	s. 79 e.	10
Portland, Me.	26	12	8	29	n. 56 w.	25	La Crosse, Wis. †	12	12	9	3	e. 81 e.	6
Northfield, Vt.	28	25	3	18	n. 73 w.	10	Davenport, Iowa	15	13	29	16	s. 81 e.	13
Boston, Mass.	28	9	5	31	n. 54 w.	32	Des Moines, Iowa	14	23	30	12	s. 63 e.	20
Nantucket, Mass.	24	17	7	30	n. 73 w.	24	Dubuque, Iowa	16	17	22	18	s. 76 e.	4
Woods Hole, Mass.	25	13	8	24	n. 53 w.	20	Keokuk, Iowa	12	13	31	15	s. 87 e.	16
Block Island, R. I.	19	18	8	30	n. 87 w.	22	Cairo, Ill.	20	19	26	11	n. 86 e.	15
New Haven, Conn.	31	12	8	18	n. 29 w.	22	Springfield, Ill.	11	18	27	16	s. 58 e.	13
<i>Middle Atlantic States.</i>							Hannibal, Mo.	8	9	15	6	s. 84 e.	9
Albany, N. Y.	26	14	8	21	n. 47 w.	18	St. Louis, Mo.	14	13	30	13	n. 87 e.	18
Binghamton, N. Y. †	17	4	2	14	n. 43 w.	18	<i>Upper Mississippi Valley.</i>						
New York, N. Y.	23	13	13	30	n. 60 w.	18	St. Paul, Minn.	6	6	16	8	e.	8
Harrisburg, Pa. †	12	3	5	16	n. 51 w.	14	La Crosse, Wis. †	20	15	27	15	n. 67 e.	13
Philadelphia, Pa.	26	14	11	23	n. 45 w.	17	Davenport, Iowa	14	24	26	13	s. 52 e.	16
Atlantic City, N. J.	25	18	10	21	n. 58 w.	13	Des Moines, Iowa	16	23	26	7	s. 70 e.	20
Cape May, N. J.	22	19	11	24	n. 77 w.	13	Dubuque, Iowa	16	17	22	18	s. 76 e.	4
Baltimore, Md.	22	14	13	24	n. 54 w.	14	Keokuk, Iowa	12	13	31	15	s. 87 e.	16
Washington, D. C.	30	12	12	20	n. 24 w.	20	Cairo, Ill.	20	19	26	11	n. 86 e.	15
Lynchburg, Va.	21	16	20	20	n.	5	Springfield, Ill.	11	18	27	16	s. 58 e.	13
Norfolk, Va.	22	19	24	10	n. 78 e.	14	Hannibal, Mo.	8	9	15	6	s. 84 e.	9
Richmond, Va.	23	18	18	13	n. 45 e.	7	St. Louis, Mo.	14	13	30	13	n. 87 e.	18
<i>South Atlantic States.</i>							<i>Missouri Valley.</i>						
Charlotte, N. C.	26	17	22	12	n. 48 e.	14	St. Paul, Minn.	6	6	16	8	e.	8
Hatteras, N. C.	22	19	21	14	n. 67 e.	8	La Crosse, Wis. †	12	12	9	3	e. 81 e.	6
Kittyhawk, N. C.							Davenport, Iowa	15	13	29	16	s. 63 e.	20
Raleigh, N. C.	25	13	17	23	n. 27 w.	13	Des Moines, Iowa	14	23	30	12	s. 52 e.	16
Wilmington, N. C.	15	21	17	21	s. 34 w.	7	Dubuque, Iowa	16	23	26	7	s. 70 e.	20
Charleston, S. C.	15	23	14	21	s. 41 w.	11	Keokuk, Iowa	12	13	31	15	s. 87 e.	16
Augusta, Ga.	16	22	16	18	s. 18 w.	6	Cairo, Ill.	20	19	26	11	n. 86 e.	15
Savannah, Ga.	11	25	10	23	s. 43 w.	19	Springfield, Ill.	11	18	27	16	s. 58 e.	13
Jacksonville, Fla.	10	21	20	21	s. 5 w.	11	Hannibal, Mo.	8	9	15	6	s. 84 e.	9
<i>Florida Peninsula.</i>							St. Louis, Mo.	14	13	30	13	n. 87 e.	18
Jupiter, Fla.	12	25	29	11	s. 54 e.	22	<i>Upper Mississippi Valley.</i>						
Key West, Fla.	16	19	41	1	s. 86 e.	41	St. Paul, Minn.	17	19	24	14	s. 67 e.	13
Tampa, Fla.	17	18	20	21	s. 45 w.	1	La Crosse, Wis. †	12	12	9	3	e. 81 e.	6
<i>Eastern Gulf States.</i>							Davenport, Iowa	15	13	29	16	s. 63 e.	20
Atlanta, Ga.	16	19	18	22	s. 63 w.	4	Des Moines, Iowa	14	23	30	12	s. 52 e.	16
Macon, Ga. †	11	9	8	9	n. 27 w.	3	Dubuque, Iowa	16	23	26	7	s. 70 e.	20
Pensacola, Fla. †	9	13	11	3	s. 63 e.	9	Keokuk, Iowa	12	13	31	15	s. 87 e.	16
Mobile, Ala.	13	32	15	12	s. 9 e.	19	Cairo, Ill.	20	19	26	11	n. 86 e.	15
Montgomery, Ala.	14	22	16	20	s. 13 w.	18	Springfield, Ill.	11	18	27	16	s. 58 e.	13
Meridian, Miss. †	7	12	7	9	s. 22 w.	5	Hannibal, Mo.	8	9	15	6	s. 45 e.	9
Vicksburg, Miss.	14	25	27	9	s. 58 e.	21	St. Louis, Mo.	14	13	30	13	n. 87 e.	18
New Orleans, La.	10	31	28	11	s. 39 e.	27	<i>Missouri Valley.</i>						
<i>Western Gulf States.</i>							Abilene, Tex.	21	25	8	14	s. 56 w.	7
Shreveport, La.	9	26	23	12	s. 30 e.	20	Pueblo, Colo.	24	12	13	25	s. 45 w.	17
Fort Smith, Ark.	11	12	33	13	s. 87 e.	10	Concordia, Kans.	11	27	22	11	s. 31 e.	19
Little Rock, Ark.	20	17	25	15	n. 73 e.	10	Dodge, Kans.	16	23	26	14	s. 60 w.	14
Corpus Christi, Tex.	13	22	37	3	s. 75 e.	35	Wichita, Kans.	15	30	21	6	s. 45 e.	21
Fort Worth, Tex. †	7	13	10	9	s. 9 e.	6	Oklahoma, Okla.	9	29	15	10	s. 14 e.	21
Galveston, Tex.	6	24	35	6	s. 58 e.	34	<i>Southern Slope.</i>						
Palestine, Tex.	11	30	20	10	s. 28 e.	22	Abilene, Tex.	13	29	28	10	s. 48 e.	24
San Antonio, Tex.	20	24	28	3	s. 81 e.	25	Amarillo, Tex.	15	27	16	17	s. 5 w.	12
<i>Ohio Valley and Tennessee.</i>							<i>Southern Plateau.</i>						
Chattanooga, Tenn.	17	18	12	24	s. 85 w.	12	El Paso, Tex.	18	6	13	38	n. 64 w.	28
Knoxville, Tenn.	30	12	19	14	n. 13 e.	18	Santa Fe, N. Mex.	18	25	16	18	s. 16 w.	7
Memphis, Tenn.	18	18	25	15	e.	10	Flagstaff, Ariz.	16	18	5	86	s. 87 w.	31
Nashville, Tenn.	19	20	19	15	s. 76 e.	4	Phenix, Ariz.	9	13	20	29	s. 66 w.	10
Lexington, Ky. †	7	8	14	7	s. 82 e.	7	Yuma, Ariz.	13	12	10	28	n. 87 w.	18
Louisville, Ky.	25	14	18	16	n. 10 e.	11	Independence, Cal.	27	14	10	26	s. 51 w.	20
Evansville, Ind. †	10	6	15	4	n. 70 e.	12	<i>Middle Plateau.</i>						
Indianapolis, Ind.	24	14	20	17	n. 17 e.	10	Carson City, Nev.	22	17	9	24	n. 72 w.	16
Cincinnati, Ohio.	23	15	23	14	n. 48 e.	12	Winnemucca, Nev.	26	14	14	17	n. 14 w.	12
Columbus, Ohio.	26	10	22	22	n.	16	Cedar City, Utah.	13	29	18	11	s. 24 e.	18
Pittsburgh, Pa.	28	13	9	20	n. 34 w.	19	Salt Lake City, Utah.	29	16	12	18	s. 25 w.	14
Parkersburg, W. Va.	29	16	9	17	n. 32 w.	19	Grand Junction, Colo.	21	18	16	21	n. 59 w.	6
Elkins, W. Va.	31	14	5	23	n. 45 w.	24	<i>Northern Plateau.</i>						
<i>Lower Lake Region.</i>							Baker City, Oreg.	24	26	14	13	s. 27 e.	2
Buffalo, N. Y.	13	24	8	27	s. 60 w.	22	Boise, Idaho.	23	15	15	27	n. 60 w.	14
Oswego, N. Y.	15	17	12	25	s. 81 w.	18	Pocatello, Idaho.	11	20	7	28	s. 67 w.	23
Rochester, N. Y.	21	10	9	34	n. 66 w.	27	Spokane, Wash.	8	30	18	17	s. 2 e.	24
Erie, Pa.	16	14	13	23	n. 83 w.	16	Walla Walla, Wash.	10	37	9	18	s. 8 w.	27
Cleveland, Ohio.	19	20	14	23	s. 84 w.	9	<i>North Pacific Coast Region.</i>						
Sandusky, Ohio.	14	15	23	24	s. 45 w.	1	Astoria, Oreg.	16	14	14	26	n. 81 w.	12
Toledo, Ohio.	19	13	19	23	s. 34 w.	7	Neah Bay, Wash.	6	13	14	34	s. 71 w.	21
Detroit, Mich.	20	12	20	21	n. 7 w.	8	Port Crescent, Wash. *	12	3	9	20	s. 80 w.	11
<i>Upper Lake Region.</i>							Seattle, Wash.	22	15	18	16	n. 16 e.	7
Alpena, Mich.	18	18	22	17	e.	5	Tacoma, Wash.	21	22	9	16	s. 82 w.	7
Escanaba, Mich.	31	18	13	13	n.	13	Portland, Oreg.	18	21	13	24	s. 75 w.	11
Grand Haven, Mich.	16	15	21	18	n. 72 e.	3	Roseburg, Oreg.	27	10	5	36	n. 81 e.	35
Marquette, Mich.	33	6	9	25	n. 31 w.	31	Willemstad, Curaçao.	7	7	53	0	n. 88 e.	58
Port Huron, Mich.	26	14	13	12	n. 5 e.	12	Santiago de Cuba, Cuba.	25	13	24	2	n. 61 e.	23
Sault Ste. Marie, Mich.	12	14	19	26	s. 74 w.	7	Havana, Cuba.	12	7	47	0	n. 84 e.	47
Chicago, Ill.	18	17	27	16	n. 85 e.	11	Kingston, Jamaica.	30	8	22	4	n. 30 e.	28
Milwaukee, Wis.	24	12	23	21	n. 9 e.	12	Port of Spain, Trinidad.	8	6	50	2	n. 88 e.	48
Green Bay, Wis.	33	15	5	9	n. 13 w.	18	Puerto Principe, Cuba.	25	3	46	2	n. 63 e.	49
Duluth, Minn.	32	10	27	18	n. 32 e.	26	Roseau, Dominica, W. I.	16	13	34	9	n. 88 e.	25
<i>North Dakota.</i>							San Juan, Puerto Rico.	7	17	40	4	s. 74 e.	37
Moorehead, Minn.	18	24	26	9	s. 71 e.	18	Santo Domingo, S. Domingo, W. I.	23	27	21	6	s. 75 e.	14
Bismarck, N. Dak.	19	21	18	9	s. 77 e.	9	Willemstad, Curaçao.	42	9	16	2	n. 23 e.	36
Williston, N. Dak.	17	24	25	8	s. 68 e.	18		7	8	55	0	n. 86 e.	55

* From observations at 8 p. m. only.

† From observations at 8 a. m. only.

‡ Record for 23 days.

TABLE VII.—*Thunderstorms and auroras, April, 1900.*

TABLE VIII.—*Average hourly sunshine (in percentages), April, 1900.*

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.														Hours of sunshine.					
		A. M.							P. M.							Total.					
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.	Percent of possible.	Personal esti- mate.
Albany, N. Y.	T.	100	48	64	75	81	85	94	92	95	94	93	82	71	59	48	Hours.	Hours.	78	50
Atlanta, Ga.	T.	43	47	60	71	80	79	80	88	87	85	76	57	41	27	20	286.7	391.6	68	44	
Atlantic City, N. J.	T.	44	46	62	65	70	72	72	77	73	71	63	50	37	44	44	243.7	397.0	61	51	
Baltimore, Md.	T.	36	37	40	54	68	78	75	74	74	74	66	59	43	39	39	235.8	397.0	59	49	
Binghamton, N. Y.	T.	29	38	59	62	62	74	72	77	81	69	64	62	56	48	43	44	246.3	401.1	61	47
Bismarck, N. Dak.	P.	55	65	71	77	83	79	81	72	64	66	60	58	51	43	43	284.6	408.4	70	64	
Bolse, Idaho.	P.	0	25	36	52	54	57	69	68	58	63	55	46	42	38	27	202.8	403.6	50	32	
Boston, Mass.	T.	100	52	59	63	69	65	61	60	59	61	60	56	54	47	45	281.1	401.1	58	47
Buffalo, N. Y.*	T.	100	51	49	49	69	80	83	87	88	84	83	79	73	68	65	234.7	399.1	73	41	
Cedar City, Utah.	T.	23	30	36	51	66	77	82	78	70	66	48	30	23	10	.....	203.0	396.2	51	29
Charleston, S. C.	T.	53	57	55	55	72	71	73	67	65	57	47	36	32	34	220.5	390.5	56	55		
Chattanooga, Tenn.	T.	50	48	50	60	69	73	70	74	66	68	58	41	33	31	.....	236.5	392.7	58	49
Cheyenne, Wyo.	P.	0	39	46	48	47	48	51	44	55	51	51	47	36	32	26	178.0	399.4	45	37	
Chicago, Ill.	T.	71	49	52	55	59	66	73	77	73	75	75	65	48	36	39	244.0	401.1	61	53	
Cincinnati, Ohio.	T.	53	54	63	67	70	74	75	76	76	75	75	67	59	55	53	271.3	397.0	68	47	
Cleveland, Ohio.	T.	29	40	41	47	51	58	69	72	73	71	67	59	55	38	36	235.7	401.1	56	53	
Columbia, Mo.	T.	61	59	57	62	69	74	78	79	73	64	65	54	49	36	35	252.7	397.0	64	35	
Columbus, Ohio.	T.	50	47	45	57	65	65	61	66	68	64	62	47	36	41	222.5	398.6	56	50		
Denver, Colo.	P.	41	55	54	58	68	69	58	53	54	53	55	53	42	43	217.6	398.6	55	43		
Des Moines, Iowa.	T.	71	39	47	62	67	79	75	79	74	71	72	66	42	38	33	243.1	401.1	61	49	
Detroit, Mich.	T.	0	46	43	52	68	75	77	75	69	70	67	61	52	40	41	242.8	401.1	61	49	
Dodge, Kans.	P.	25	38	44	57	62	55	52	49	52	55	53	56	46	23	23	195.5	398.2	49	44	
Dubuque, Iowa.	T.	100	56	57	59	65	67	76	78	76	74	73	66	52	56	56	261.0	401.1	68	54	
Eastport, Me.	T.	10	30	36	43	46	53	50	46	52	52	46	49	46	21	0	175.7	405.2	43	31	
Elkins, W. Va.	T.	40	41	53	66	76	78	75	73	74	74	69	59	46	36	.....	249.2	397.0	68	50
Erie, Pa.	T.	29	52	51	57	72	77	77	80	85	77	75	67	49	42	42	269.5	401.1	67	50	
Escanaba, Mich.	T.	38	45	44	42	44	50	56	56	55	53	47	38	35	37	40	188.6	397.0	46	47	
Eureka, Cal.	P.	0	47	45	51	56	60	59	64	66	64	60	58	62	60	51	232.4	399.4	58	52	
Fresno, Cal.	T.	53	62	71	76	82	82	84	84	84	84	84	78	71	65	60	295.6	394.8	75	63	
Galveston, Tex.	P.	26	29	38	46	53	50	42	48	49	49	51	57	55	32	20	176.1	386.4	46	35	
Grand Junction, Colo.	P.	49	49	61	67	62	61	56	59	45	47	32	36	32	46	.....	199.6	397.0	50	34
Harrisburg, Pa.	T.	50	47	51	64	76	79	86	91	89	85	73	58	43	43	270.4	398.6	68	46		
Helena, Mont.	T.	36	35	44	55	52	60	58	48	48	48	48	40	37	31	57	193.7	408.4	47	34	
Huron, S. Dak.	T.	50	47	50	48	67	73	78	78	78	79	71	65	53	47	48	258.3	403.6	64	56	
Indianapolis, Ind.	T.	58	61	58	58	61	64	65	62	62	62	62	57	55	53	56	235.4	398.6	59	46	
Jacksonville, Fla.	T.	50	57	58	69	70	81	84	84	83	74	74	64	47	38	36	255.0	387.4	66	57	
Jupiter, Fla.	T.	45	59	77	94	95	94	92	93	91	89	81	66	28	16	.....	235.8	384.6	77	56
Kalispell, Mont.	T.	57	25	27	44	45	65	78	78	79	74	73	69	55	34	25	235.6	410.4	57	57	
Kansas City, Mo.	P.	37	34	43	54	52	55	54	47	54	49	41	49	41	49	41	189.3	397.0	48	39	
Key West, Fla.	T.	30	38	49	59	65	74	79	75	63	65	62	51	38	34	.....	226.2	393.6	57	50
Knoxville, Tenn.	T.	25	39	57	67	75	78	79	78	71	76	79	68	44	29	29	256.1	396.2	65	62	
Lexington, Ky.	T.	21	25	37	54	65	71	79	72	73	78	72	67	42	31	28	204.3	393.7	52	48	
Little Rock, Ark.	T.	41	51	60	52	51	60	66	62	65	72	76	71	62	36	32	242.4	391.6	62	55	
Los Angeles, Cal.	T.	21	29	38	63	68	71	75	75	77	71	69	63	36	32	27	227.8	396.2	57	51	
Louisville, Ky.	T.	37	46	55	67	81	87	95	87	85	85	84	83	49	32	27	276.3	395.0	71	60	
Macon, Ga.	T.	33	37	39	60	63	73	70	68	68	65	62	53	36	33	29	206.8	389.9	53	44	
Meridian, Miss.	P.	53	56	62	66	69	66	65	65	69	70	69	61	53	55	249.1	396.2	63	60		
Mount Tamalpais, Cal.	T.	31	27	39	57	74	78	77	77	67	61	66	58	35	35	22.7	293.6	57	43		
Nashville, Tenn.	T.	100	69	69	73	73	72	76	73	74	77	75	69	67	54	36	270.1	399.4	69	66	
New Haven, Conn.	T.	42	39	39	54	64	69	67	66	68	65	62	46	41	44	215.9	387.4	56	53		
New Orleans, La.	T.	0	55	58	64	68	76	82	82	83	79	74	70	60	56	277.9	399.4	70	49		
New York, N. Y.	T.	50	50	51	55	66	68	73	73	80	79	71	66	59	47	44	246.1	398.4	62	55	
Norfolk, Va.	T.	67	45	41	55	55	55	51	52	50	48	46	46	44	43	25	195.0	403.6	48	36	
Northfield, Vt.	T.	27	31	30	53	57	64	69	78	78	78	78	69	58	45	45	223.8	392.7	57	35	
Oklahoma, Okla.	T.	100	29	31	48	60	73	78	78	78	78	78	68	58	46	27	224.4	399.4	56	39	
Omaha, Nebr.	T.	35	35	55	67	71	71	72	73	72	72	72	63	53	38	31	235.0	397.0	59	61	
Parkersburg, W. Va.	T.	57	64	66	76	83	82	82	82	82	82	82	74	68	48	48	274.2	390.5	70	61	
Phoenix, Ariz.	T.	57	64	59	65	68	67	68	68	67	68	68	63	51	52	244.4	398.6	61	48		
Philadelphia, Pa.	T.	100	42	37	41	53	68	67	63	67	63	62	50	41	39	210.8	399.4	58	54		
Pittsburg, Pa.	T.	0	12	19	29	32	51	64	64	61	58	53	37	34	25	18	164.1	402.1	41	33	
Pocatello, Idaho.	T.	6	24	58	64	71	72	72	72	61	63	57	54	41	28	0	212.8	408.6	53	53	
Portland, Me.	T.	62	28	31	36	47	53	60	53	63	66	54	47	39	36	24	190.1	407.0	47	46	
Pueblo, Colo.	T.	58	58	62	69	73	75	78	74	75	75	72	62	49	43	23	233.7	396.2	59	46	
Raleigh, N. C.	T.	47	48	57	65	70	80	83	79	73	70	64	58	42	48	23	232.0	393.6	64	66	
Rochester, N. Y.	T.	50	47	43	49	59	63	74	71	68	66	68	60	46	51	237.8	402.1	59	55		
St. Louis, Mo.	T.	49	50	58	64	69	73	73	72	76	74	73	75	75	58</						

TABLE IX.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during April, 1900, at all stations furnished with self-registering gages.

Stations.	Date.	Total duration.		Total am't of precipi- tation.	Excessive rate.		Amount be- fore exces- sive began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Albany, N. Y.	1	2	3	4	5	6	7														
Atlanta, Ga.	23-24	1.26 p.m.	12.45 a.m.	1.49	5.35 p.m.	6.20 p.m.	0.34	0.06	0.14	0.18	0.21	0.24	0.29	0.32	0.38	0.49	0.67	0.75	0.11		
Atlantic City, N. J.	11-12			0.90															*		
Baltimore, Md.	11-12			0.80															0.24		
Binghamton, N. Y.	21-22			0.24															0.16		
Bismarck, N. Dak.	28-29			0.42															0.18		
Boise, Idaho	25			0.46															0.39		
Boston, Mass.	3			0.44															0.13		
Buffalo, N. Y.	11			0.18															0.16		
Cairo, Ill.	10			0.43															0.19		
Charleston, S. C.	27	5.33 p.m.	6.22 p.m.	0.75	5.40 p.m.	5.55 p.m.	T.	0.15	0.51	0.71	0.72								*		
Chicago, Ill.	17			0.32															0.13		
Cincinnati, Ohio	17			0.67															0.24		
Cleveland, Ohio	11			0.32															0.29		
Columbia, Mo.	9-10			0.81															0.21		
Columbus, Ohio	17			0.63															0.19		
Denver, Colo.	14-16			2.33																	
Des Moines, Iowa	17	2.00 p.m.	4.30 p.m.	1.02	2.05 p.m.	3.00 p.m.	T.	0.05	0.18	0.50	0.74	0.74	0.74	0.74	0.75	0.87	0.91	1.00			
Detroit, Mich.	17-18			0.64															0.14		
Dodge, Kans.	10-11			1.85															0.37		
Duluth, Minn.	17			0.22															*		
Eastport, Me.	18			0.83															0.12		
Elkins, W. Va.	2			0.30															0.13		
Erie, Pa.	22-23			0.51															0.21		
Escanaba, Mich.	16-17			1.54															0.23		
Evansville, Ind.	10			0.31															0.13		
Fort Worth, Tex.	27-28			2.42															0.60		
Fresno, Cal.	20-21			0.55															0.14		
Galveston, Tex.	27-28	3.02 p.m.	8.04 a.m.	2.61	8.00 p.m.	9.00 p.m.	0.25	0.03	0.07	0.12	0.24	0.41	0.56	0.81	1.39	1.76	1.97	2.21	2.25		
Grand Junction, Colo.	4			0.29															*		
Harrisburg, Pa.	23			0.39																	
Hatteras, N. C.	12	2.05 a.m.	4.30 a.m.	0.91	3.27 a.m.	4.10 a.m.	0.10	0.05	0.25	0.42	0.45	0.51	0.57	0.67	0.76	0.80			*		
Huron, S. Dak.	25-26			0.89																	
Indianapolis, Ind.	11			0.62															0.25		
Jacksonville, Fla.	18-19	4.25 p.m.	D. N.	4.68	8.35 p.m. 11.30 p.m.	10.35 p.m. 1.30 a.m.	0.40 2.66	0.26 0.05	0.37	0.44	0.52	0.68	0.83	0.97	1.04	1.08	1.13	1.19	1.50	1.69	2.04
Jupiter, Fla.	25			1.02															0.56		
Kalispell, Mont.	21-22			0.34															0.19		
Kansas City, Mo.	15-16	3.52 p.m.	D. N.	1.29	5.10 p.m.	5.30 p.m.	0.19	0.05	0.15	0.23	0.43	0.45	0.46	0.48	0.52						
Key West, Fla.	18			0.45															0.41		
Knoxville, Tenn.	9			0.25																	
Lexington, Ky.	20			0.26															0.15		
Lincoln, Nebr.	27-28			0.56															0.37		
Little Rock, Ark.	10			0.91															0.51		
Los Angeles, Calif.	20			0.21															0.08		
Louisville, Ky.	11			0.84															0.24		
Macon, Ga.	18	3.48 a.m.	2.04 p.m.	3.47	8.00 a.m. 10.05 a.m.	9.05 a.m. 10.55 a.m.	0.80 1.93	0.07 0.10	0.11 0.20	0.15 0.29	0.22 0.30	0.42 0.32	0.57 0.34	0.63 0.41	0.70 0.50	0.78 0.67	0.85 0.79	0.96 0.85	1.05 0.98		
Memphis, Tenn.	8-9	11.20 p.m.	7.45 a.m.	0.67	11.25 p.m.	11.37 p.m.	T.	0.36	0.50	0.55	0.56								0.92	0.94	1.05
Meridian, Miss.	10-11	10.40 p.m.	D. N.	1.55	12.03 a.m.	12.45 a.m.	0.16	0.45	0.71	0.80	0.85	0.91	0.96	0.99	1.07	1.10	1.11	1.14	1.20		
Do	16-17	D. N.	8.10 a.m.	10.17	11.35 a.m.	12.25 p.m.															
Do	23	12.02 a.m.	6.30 a.m.	1.84	2.05 a.m.	2.45 a.m.	0.26	0.17	0.21	0.26	0.36	0.41	0.48	0.58	0.66	0.79	0.94	0.97	1.00	1.03	
Milwaukee, Wis.	16-17			0.96																	
Montgomery, Ala.	17	7.35 a.m.	12.20 p.m.	1.17	9.07 a.m.	9.35 a.m.	0.09	0.14	0.38	0.58	0.72	0.78	0.81	0.84	0.87	0.88	0.90	0.92	0.94	1.05	
Nantucket, Mass.	12-13			0.93															0.15		
Nashville, Tenn.	3			0.71															0.31		
New Orleans, La.	11	4.30 a.m.	6.10 a.m.	0.85	5.00 a.m.	5.25 a.m.	0.14	0.05	0.25	0.44	0.62	0.67	0.69								
Do	17	8.10 a.m.	4.25 p.m.	3.08	8.15 a.m. 9.05 a.m.	9.05 a.m. 10.30 a.m.	0.03 0.92	0.06 0.94	0.14 0.97	0.18 1.01	0.32 1.17	0.39 1.50	0.60 1.85	0.68 1.94	0.71 2.06	0.81 2.06	0.90 2.28		2.52	2.88	
New York, N. Y.	11-12			0.92															0.25		
Norfolk, Va.	19			1.44															0.56		
Northfield, Vt.	17-18			0.40																	
Oklahoma, Okla.	27-28			1.40																	
Omaha, Nebr.	15-16			0.79																	
Parkersburg, W. Va.	16-17			0.42																	
Philadelphia, Pa.	18-19			0.48																	
Pittsburg, Pa.	22-23			0.51																	
Pocatello, Idaho	22-23			1.41																	
Portland, Me.	18-19			0.71																	
Portland, Oreg.	11			0.43																	
Pueblo, Colo.	3-5			3.15																	
Raleigh, N. C.	11-12			1.50																	
Richmond, Va.	18-19			2.27																	
Rochester, N. Y.	17-18			0.46																	
St. Louis, Mo.	10			0.55																	
St. Paul, Minn.	17-18			1.00																	
Salt Lake City, Utah.	7-8			0.96																	
San Diego, Calif.	27			0.79																	
San Francisco, Cal.	11-12			0.23																	
Savannah, Ga.	18-19			1.89																	
Seattle, Wash.	5-6			0.73																	
Spokane, Wash.	6-7			0.52																	
Tampa, Fla.	21-22	9.07 p.m.	2.00 a.m.	0.69	10.10 p.m.	10.32 p.m.	0.10	0.05	0.30	0.45	0.50										
Toledo, Ohio.	18			0.52																	
Topeka, Kans.	15			1.02																	
Vicksburg, Miss.	15-17			5.50																	
Washington, D. C.	18-19			0.80																	
Wilmington, N. C.	19			1.06																	
Yankton, S. Dak.	15-16			1.39																	
Basseterre, St. Kitts.	29	7.40 a.m.	10.36 a.m.	0.92	9.30 a.m.	9.55 a.m.	0.13	0.11	0.32	0.50	0.66	0.74	0.75								
Bridgetown, Barbados	23-24	11.25 p.m.	D. N.	0.62	12.20 a.m.	12.55 a.m.	0.01	0.12	0.20	0.24	0.29	0.41	0.53								
Kingston, Jamaica	23-24			1.03																	
Port of Spain, Trin.	29	8.10 a.m.	9.20 a.m.	0.85	8.17 a.m.	8.50 a.m.	T.	0.21	0.33	0.54	0.67	0.71	0.75	0.78	0.82						
Puerto Principe, Cuba	27	3.30 p.m.																			

* Self-register not working. † Self register failed to record correctly after 2:30 p. m. Heavy rain continued at intervals during the afternoon and night. Total precipitation for the storm 10.17 inches.

TABLE X.—*Data furnished by the Canadian Meteorological Service, April, 1900.*

Stations.	Pressure.			Temperature.			Precipitation.			Stations.	Pressure.			Temperature.			Precipitation.				
	Mean not reduced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Mean max. - min. -	Total.	Departure from normal.	Depth of snow.		Mean not reduced.	Mean reduced.	Departure from normal.	Mean max. - min. -	Total.	Departure from normal.	Depth of snow.				
St. Johns, N. F.....	Ins.	Ins.	Ins.	○	+ 2.7	43.8	30.6	+ 6.98	1.3	Parry Sound, Ont	Ins.	Ins.	Ins.	○	○	○	Ins.	Ins.	Ins.		
Sydney, C. B. I.....	29.64	29.79	- .10	37.2	+ 2.7	43.8	30.6	+ 2.89	1.3	Port Arthur, Ont	29.34	30.05	+ .07	42.5	+ 4.9	54.3	30.7	1.01	- .71	1.2	
Hallifax, N. S.....	29.76	29.80	- .07	37.4	+ 2.4	44.7	30.1	+ 3.71	8.5	Winnipeg, Man.....	29.36	30.07	+ .07	47.1	+ 7.1	51.3	29.9	0.50	- .87	0.0	
Grand Manan, N. B.....	29.74	29.85	- .03	40.8	+ 3.0	48.6	33.1	+ 4.04	+ 0.73	7.4	Minnedosa, Man.....	29.21	30.03	- .01	47.9	+ 13.0	64.2	31.6	0.30	- 1.05	0.0
Yarmouth, N. S.....	29.84	29.89	- .01	41.8	+ 2.6	48.8	34.8	+ 3.10	- 0.30	0.5	Qu'Appelle, Assin... .	28.22	30.64	+ .04	47.6	+ 11.6	61.9	33.4	1.06	- 0.08	0.0
Charlottet'n, P. E. I.....	29.82	29.90	- .01	40.4	+ 1.5	46.7	31.0	+ 4.18	+ 1.24	5.7	Medicine Hat, Assin...	27.71	29.96	- .01	47.8	+ 10.4	61.5	34.2	0.29	- 0.77	0.0
Chatham, N. B.....	29.77	29.81	- .09	37.2	+ 2.0	43.8	30.6	+ 4.70	+ 27.0	Swift Current, Assin...	27.64	29.92	- .01	50.5	+ 6.0	65.0	36.0	1.25	+ 0.74	0.0	
Montreal, Que.....	29.83	29.85	- .07	37.2	+ 1.7	45.7	28.7	+ 2.68	- 0.42	9.1	Calgary, Alberta	27.39	29.96	- .01	48.7	+ 7.4	62.4	35.0	1.42	+ 0.76	0.4
Father Point, Que.....	29.88	29.91	- .01	33.2	0.0	40.9	25.6	- 1.45	- 0.57	4.7	Banff, Alberta	26.36	29.90	- .03	44.1	+ 4.5	57.7	30.5	2.04	+ 0.42	5.8
Quebec, Que.....	29.61	29.95	- .00	39.0	+ 3.9	47.2	30.7	- 0.91	- 1.48	1.3	Edmonton, Alberta	25.30	29.95	- .01	41.6	+ 6.3	53.5	29.7	1.49	+ 0.24	7.3
Bissell, Ont.....	29.43	30.04	+ .08	43.1	+ 5.6	57.3	29.0	- 1.33	+ 0.09	5.4	Prince Albert, Sask....	27.58	29.88	- .05	46.4	+ 6.5	57.7	35.1	2.60	+ 2.03	2.8
Ottawa, Ont.....	29.63	29.95	- .01	44.4	+ 4.1	54.9	34.0	- 0.76	.....	Battleford, Sask.....	28.40	29.95	.....	44.5	+ 8.4	58.0	31.1	1.16	+ 0.31	4.0	
Kingston, Ont.....	29.70	30.02	+ .05	49.6	+ 3.6	52.8	34.5	- 1.16	- 0.79	1.5	Kamloops, B. C.....	28.23	29.97	.....	45.2	+ 8.0	57.1	33.3	0.68	+ 0.20	2.4
Toronto, Ont.....	29.66	30.04	+ .05	45.5	+ 4.7	54.4	36.6	- 1.82	- 0.66	0.8	Victoria, B. C.....	29.72	29.99	.....	51.3	+ 2.4	62.3	40.3	0.18	- 0.32	0.0
White River, Ont.....	29.75	30.12	+ .08	38.5	+ 5.5	54.2	32.8	- 2.04	+ 0.86	0.8	Barkerville, N. W. T.....	29.92	30.01	.....	50.8	+ 4.3	57.9	43.6	0.87	.....	0.0
Port Stanley, Ont.....	29.40	30.05	- .04	44.0	+ 4.0	53.2	34.8	- 1.90	- 0.14	1.5	Hamilton, Bermuda.....	29.58	29.90	.....	40.4	+ 7.3	52.7	28.0	0.76	- 1.21	0.4
Saugeen, Ont.....	29.34	30.07	+ .07	41.6	+ 2.9	49.5	33.8	- 1.25	- 0.58	0.5		29.87	20.03	+ .01	64.0	+ 0.1	69.8	58.2	1.59	- 2.87	0.0

TABLE XI.—Heights of rivers referred to zeros of gages, April, 1900.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.	Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.		
			Height.	Date.	Height.	Date.						Height.	Date.	Height.	Date.				
<i>Mississippi River.</i>	<i>Miles.</i>	<i>Feet.</i>	<i>Feet.</i>		<i>Feet.</i>	<i>Feet.</i>			<i>Tennessee River—Con'd.</i>	<i>Miles.</i>	<i>Feet.</i>	<i>Feet.</i>		<i>Feet.</i>	<i>Feet.</i>				
St. Paul, Minn.	1,954	14	5.6		7.8	3.0			Bridgeport, Ala.	390	24	11.5		18	4.7		10, 11	7.0	6.8
Reeds Landing, Minn.	1,884	12	6.2		23	1.3			Florence, Ala.	220	16	19.2		19, 20	5.9		6	10.2	13.3
La Crosse, Wis.	1,819	12	8.5		25	5.5			Riverton, Ala.	190	25	31.4		21	7.5		6	15.8	23.9
Prairie du Chien.	1,759	18	10.5		30	5.4			Johnsonville, Tenn.	94	21	29.1		23	9.3		7, 8	17.5	19.8
Dubuque, Iowa.	1,699	15	10.8		30	6.1			<i>Cumberland River.</i>										
LeClaire, Iowa.	1,609	10	5.9		4	4.0			Burnside, Ky.	434	50	7.0		24	3.7		16	5.0	3.8
Davenport, Iowa.	1,593	15	7.9		20	5.4			Carthage, Tenn.	257	40	16.8		24	5.4		11, 17	8.3	11.4
Muscatine, Iowa.	1,502	16	9.7		4, 21	5.9			Nashville, Tenn.	175	40	20.0		24	9.8		16	12.6	10.7
Galland, Iowa.	1,472	8	5.4		5.6	3.2			<i>Arkansas River.</i>										
Keokuk, Iowa.	1,463	15	9.0		5.6	5.5			Wichita, Kans.	736	10	7.0		22	2.1		8, 4	4.2	4.9
Hannibal, Mo.	1,402	13	10.2		7	6.3			Webster Falls, Ind. T.	413	23	7.4		21, 29	2.4		3-5, 8, 9	4.3	5.0
Grafton, Ill.	1,306	23	13.6		8.9	11.0			Fort Smith, Ark.	351	22	9.0		30	2.8		6, 7	5.6	6.2
St. Louis, Mo.	1,284	30	18.6		15	13.5			Dardanelle, Ark.	256	21	9.2		25	2.0		6-8	5.4	7.2
Chester, Ill.	1,189	36	14.4		16	10.6			Little Rock, Ark.	176	23	11.3		28	3.8		9	6.7	7.5
Memphis, Tenn.	843	33	24.5		1	17.6			<i>White River.</i>										
Helena, Ark.	767	42	33.8		1	25.7			Newport, Ark.	150	26	14.6		30	4.0		7-11	7.3	10.6
Arkansas City, Ark.	635	42	36.7		1	28.4			<i>Yazoo River.</i>										
Greenville, Miss.	595	42	31.5		1	23.7			Yazoo City, Miss.	80	25	23.0		30	15.6		10	19.8	7.4
Vicksburg, Miss.	474	45	36.6		1	28.9			<i>Red River.</i>										
New Orleans, La.	108	16	13.5		1	11.6			Arthur City, Tex.	688	27	17.5		30	4.8		9	8.3	12.7
<i>Missouri River.</i>									Fulton, Ark.	565	28	14.2		19	4.9		12	9.8	9.8
Bismarck, N. Dak.	1,309	14	12.8		3	2.8			Shreveport, La.	449	29	11.4		29	2.7		15, 16	6.6	8.7
Pierre, S. Dak.	1,114	14	8.5		6	3.4			Alexandria, La.	139	33	19.8		25	5.4		15	12.6	14.4
Sioux City, Iowa.	784	19	12.4		8	7.0			<i> Ouachita River.</i>										
Omaha, Nebr.	669	18	11.7		9	7.7			Camden, Ark.	340	39	25.5		30	6.3		10	13.4	19.2
Plattsmouth, Nebr.	641	17	7.8		10	5.3			Monroe, La.	100	40	30.8		30	15.0		13, 14	23.4	15.8
St. Joseph, Mo.	481	10	6.9		11	3.3			<i>Atchafalaya River.</i>										
Kansas City, Mo.	388	21	14.4		11	9.1			Melville, La.	100	31	30.3		1	28.0		15, 16	20.6	2.8
Boonville, Mo.	199	20	12.0		13	8.0			<i>Susquehanna River.</i>										
Hermann, Mo.	103	24	12.7		14	7.1			Wilkesbarre, Pa.	178	14	12.1		24	2.4		1-3	6.7	9.7
<i>Des Moines River.</i>									Harrisburg, Pa.	70	17	7.3		21	4.0		2	5.4	8.3
Des Moines, Iowa.	150	19	4.1		1, 2	3.4			<i>W. Br. of Susquehanna.</i>										
<i>Illinois River.</i>									Williamsport, Pa.	35	20	6.9		19	3.6		30	5.0	3.3
Peoria, Ill.	135	14	16.9		4, 5	11.9			<i>Juniata River.</i>										
Beardstown, Ill.	70	12	15.5		1	11.7			Harpers Ferry, W. Va.	170	16	4.0		2	2.6		20, 21	3.0	1.4
<i>Osage River.</i>									<i>James River.</i>										
Bagnell, Mo.	70	28	10.0		13	1.7			Lynchburg, Va.	257	18	4.7		22	1.2		16, 17	2.3	8.5
<i>Gasconade River.</i>									Richmond, Va.	110	12	5.3		20	-1.3		16	0.3	6.6
Arlington, Mo.	58	16	2.9		11	-- 1.0			Weldon, N. C.	90	40	35.5		21	8.8		11	14.1	26.7
<i>Youghiogheny River.</i>									<i>Cape Fear River.</i>										
Confluence, Pa.	59	10	2.1		3	1.1			Fayetteville, N. C.	100	38	44.0		21, 22	5.6		12	15.4	38.4
West Newton, Pa.	15	23	3.5		3	1.1			<i>Lumber River.</i>										
<i>Allegheny River.</i>									Fairbluff, N. C.	10	6	6.5		27-29	3.4		16, 17	4.8	3.1
Warren, Pa.	177	14	5.6		9, 10	2.0			<i>Edisto River.</i>										
Oil City, Pa.	123	13	5.7		9	2.7			Edisto, S. C.	75	6	6.6		25, 26	3.5		16, 17	4.7	3.1
Parker, Pa.	73	20	6.3		9	2.7			<i>Pedee River.</i>										
<i>Monongahela River.</i>									Cheraw, S. C.	145	27	32.1		21	2.7		11	10.4	29.4
Weston, W. Va.	161	18	0.9		18	-- 0.4			<i>Black River.</i>										
Fairmont, W. Va.	119	25	3.9		1	0.8			Kingtree, S. C.	60	12	11.9		26	4.9		18	7.8	7.0
Greensboro, Pa.	81	18	10.5		1	7.3			<i>Lynch Creek.</i>										
Lock No. 4, Pa.	40	28	12.3		1	7.0			Effingham, S. C.	35	12	16.6		25	5.5		18	9.4	11.1
<i>Conemaugh River.</i>									<i>Santee River.</i>										
Johnstown, Pa.	64	7	2.6		1	1.7			St. Stephens, S. C.	50	12	15.5		29	6.8		19	8.8	8.7
<i>Red Bank Creek.</i>									<i>Cougarree River.</i>										
Brookville, Pa.	35	8	2.2		12, 13	2.0			Columbia, S. C.	37	15	20.6		23	1.0		10, 17	5.2	19.6
<i>Beaver River.</i>									<i>Wateree River.</i>										
Ellwood Junction, Pa.	10	14	4.2		1	3.2			Camden, S. C.	45	24	28.4		23	5.7		17, 18	12.1	22.7
<i>Great Kanawha River.</i>									<i>Waccamaw River.</i>										
Charleston, W. Va.	61	30	7.7		20	4.2			Conway, S. C.	40	7	6.0		30	3.1		18, 20	4.1	2.9
<i>New River.</i>									<i>Savannah River.</i>										
Hinton, W. Va.	95	14	4.8		23	2.1			Calhoun Falls, S. C.	347	32	10.4		22	3.3		7, 10	4.4	7.1
<i>Cheat River.</i>									Augusta, Ga.	268	32	28.0		23	8.8		10, 17	18.5	19.2
Rowlesburg, W. Va.	36	14	5.0		10, 19	3.0			<i>Broad River.</i>										
<i>Otto River.</i>									Carlton, Ga.	30	.....	12.2		22	2.7		10	4.4	9.5
Pittsburg, Pa.	966	22	8.2		10	3.8			<i>Flint River.</i>										
Davis Island Dam, Pa.	960	25	9.2		10	5.7			Albany, Ga.	80	20	15.2		26	4.3		10-12	8.5	10.9
Wheeling, W. Va.	875	36	11.0		11	7.0			<i>Chattahoochee River.</i>										
Parkersburg, W. Va.	785	36	11.8		3	7.4			Westpoint, Ga.	239	20	9.2		25	3.8		10	5.5	5.4
Point Pleasant, W. Va.	703	39	14.5		1	7.8			<i>Ocmulgee River.</i>										
Huntington, W. Va.	660	50	18.7		1, 3	11.5			Macon, Ga.	125	20	18.0		19	4.1		9, 10	7.9	13.9
Cettletburg, Ky.	651	50	18.8		1	10.5			<i>Oconee River.</i>										
Portsmouth, Ohio.	612	50	20.1		1	11.7			Dublin, Ga.	60	30	17.6		24	3.3		11	8.4	14.3
Cincinnati, Ohio.	499	50	22.7		2	13.9			Rome, Ga.	225	30	13.6		21	3.5		10	6.7	10.1
Madison, Ind.	413	46	20.1		1	13.1			Gadsden, Ala.	144	18	22.5		19	4.0		9	11.2	18.5
Louisville, Ky.	367	28	9.3		1	7.3			<i>Alabama River.</i>										
Evansville, Ind.	184	35	20.7		1	12.5			Montgomery, Ala.	265	35	36.5		22	7.3		6-11	18.6	29.2
Paducah, Ky.	47	40	24.2		1	16.5			Selma, Ala.	212	35	41.0		23	7.8		7	22.6	33.2
Cairo, Ill.	1,073																		

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